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UNITED NATIONS  
INDUSTRIAL DEVELOPMENT ORGANIZATION

**DETERMINATION OF THE RESALE VALUE  
OF THE STEEL ROLLING MILL EQUIPMENT  
IN EPE LOCAL GOVERNMENT,  
LAGOS - NIGERIA**

**FINAL REPORT**

OCTOBER 1991

PROPOSAL No. P.90/85  
PROJECT No. SI/NIR/89/808



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**original contains  
color illustrations**

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ABSTRACT

This Study is in respect of the technical inspection and assessment undertaken by Team Group in respect of machinery and equipment for a mini steel plant which had been delivered to site at Epe, Lagos State, Nigeria and kept without proper storage for some seven years. The assignment entailed determination of the present condition of the plant, present value and cost of repair and refurbishing, should it be decided to install, commission and operate the plant. The cost of a new and similar plant at today's prices was also determined.

As per the terms of commission from UNIDO, Team sought to execute the assignment in the following manner:-

- A - Review and assessment of existing documents and technical data made available by the Lagos State Government;
- B - Technical inspection and assessment of the machinery and equipment for purposes of obtaining detailed inventory of machinery and equipment delivered on site, comparing same against the original project and determination of the present status of said machinery and equipment;
- C - Survey and valuation of the market value of machinery and equipment as is at present day costs;
- D - Determination of technical and monetary requirements need to repair and refurbish machinery and equipment to restore plant to such a condition as to make it operational.

The assignment was duly executed by TEAM as outlined above.

Details of findings and comments are provided in full in Chapter 5 and related annexes. A summary is provided in Chapter 2.

Based on our findings and professional opinion the equipment and machinery should not be sold if the resources, technical and monetary can be provided to repair and refurbish the melting shop (consisting of the electric furnace and continuous caster) so as to ensure its installation, commissioning and operation. We believe that there exists in Nigeria a good market for the billets which will be produced.

The rolling mill is severly damaged. We are of the opinion that the cost of repair and refurbishment would be in the magnitude of the cost of a new rolling mill.

Accordingly if required a new rolling mill should be bought.

INTRODUCTION

According to the Terms of Reference for the project, at its conclusion appropriate and adequate data, which would include amongst others, the present technical status of the plant and equipment and present value of same, should be available on the steel rolling mill plant and equipment delivered and kept without proper storage at the proposed mill site at Epe in Lagos State, Nigeria.

Pursuant to a joint venture agreement entered into in July, 1980, between the Lagos State Government and Pennsylvania Engineering Corporation (PEC), a joint venture company, Lapec (Nigeria) Limited (Lapec) was duly incorporated to own and operate a steel rolling in Sala, Epe, Lagos State.

Plant and equipment, structures and auxiliary services were delivered in 1984 and kept in the open since then with little or no protection from the elements or possible looters.

The steel mill plant should have consisted of the following components:-

- One Arc Furnace (32 Tons)
- One Continuous Casting Machine (2 strands 100 mm sq)
- One Billet Storage
- One Rolling Mill Workshop for re-bars
- Related physical infrastructure.

The total annual capacity of the facility is estimated in the range of 100,000 metric tons per year. Other data on the plant may be found in the enclosed PEC article (Appendix 1).

There are several steel mills in Nigeria with re-rollers.

However many of them are obliged to import billets since local production is insufficient.

PRELIMINARY SECTION

- A. Documentation available to us consisted of the packing lists for eleven shipments made by PEC to LAPEC. We later found out that there had been two additional payments. However, the greater part of the machinery and equipment on site were covered by the documents available. No drawings were made available.

Other documents consulted are listed in chapter 6 - References.

- B. The machinery and equipment on site were inspected and assessed. Consequently an inventory of retrievable items was made. Said inventory was subsequently compared with items on the packing lists. More than eighty five percent (85%) of the items were retrieved and classified based on the need to repair and refurbish them so as to bring them to operational condition.

As per the packing lists, the total weight of items listed is 2,850 metric tons. Out of this figure, 2,450 metric tons were retrieved and classified based on the need to repair and refurbish as follows.-

- (i) 28% is classified as "GOOD", that is requires minor repair and refurbishment;
- (ii) 64% is classified as "REV", that is requires substantial repair and refurbishment;
- (iii) 8% is classified as "BAD", that is requires heavy repair and refurbishment or replacement.

Pre-fabricated housing units are not considered in this report since their condition is so bad that they can no longer be used as housing units. Some equipment such as one large scrap grabber, some Clark forks, motors, etc. were not found on site.

- C. The market value of machinery and equipment vary according to the manner of sale and the use to which the buyer wishes to put the machinery and equipment upon purchase.

If the machinery and equipment at the site in EPE is to be sold as a unit, assuming european market standards, it would be sold as scrap.

Consequently it would be sold by weight.

Based on present market conditions in Europe the machinery and equipment at the site in Epe sold as a



unit would sell for between five hundred thousand United States dollars (U.S \$ 500,000.00) to eight hundred thousand United States dollars (U.S \$ 800,000.00).

If there are companies interested in the electric furnace with its equipment, and or the continuous caster with its equipment and or mobile equipment and or related structures, a sale of the machinery and equipment piecemeal to interested buyers who need a specific item, may result in an eventual total sales figure of some Two Million and Three Hundred Thousand U.S. dollars for the said machinery and equipment. Again this estimate is based on European conditions.

- D. The technical and financial resources needed to repair and refurbish the machinery and equipment were estimated only for the melt shop building with electric furnace, continuous caster and auxiliary equipment. Based on European conditions the estimated repair and refurbishment cost is some seven million and three hundred thousand U.S. dollars (\$ 7.3 million).

The cost of the rolling mill is estimated at the price of a new one since we recommend its replacements. Repair and refurbishment would cost about the same as the purchase of a new one.

INSPECTION AND ASSESSMENT OF EXISTING EQUIPMENT

Machinery and equipment and their components are kept in a partially fenced open area with no storage facilities or protection. Some of the items are even outside the area and covered with grass and weeds. Others are still in the wooden package with which they were shipped. Some are in containers.

Items within the containers are generally protected and in acceptable condition. However exposure to the elements have caused significant damage to the containers. The containers must therefore be handled with caution and care.

Most of the items stored in wooden crates have been exposed to the atmosphere and elements. This is despite the fact that the packing list had recommendations on storage conditions.

The contents of the wooden containers are in differing state of disrepair, depending on their structure and exposure to the elements.

Structural parts are oxidized to varying degrees but are generally in acceptable condition. Electrical parts most probably have to be completely replaced. However it is advisable that required tests be carried out to identify if any, those that can still be used. Some of the items listed on the packing lists were not found at the site.

A map of the site (Annex A/1) shows the general layout thus:-

Row 1 consists of containers outside the fenced area.

Rows 2, 3, 4, and 5 are inside the fenced area. They consist of cases, and pieces of equipment.

Row 6 is composed of mobile equipment, some machinery and containers.

Photographs were taken of the site from different positions referred to in the site maps, (Annexes A/2 to A/14). Some of the pictures taken were of the following main components of the steel mill plant thus:-

Mobile equipment (Annexes A/15 to A/18);  
Main Transformer (Annex A/19);  
Furnace Shell (Annexe A/20);  
Furnace Roof Rings (Annexe A/21);  
3 Furnace Ladles (Annexe A/22);  
2 Furnace charging Buckets (Annexe A/23);

Gas Cleaning Components of Electric Furnace (Annexes A/24 & A/25);  
Furnace Platform Assemblys (Annexes A/26 & A/27);  
Examples of Building Structures (Annexes A/28 & A/29);  
Main Crane (Annex A/30);  
Continuous Casting Structure (Annexes A/31 & A/32);  
Rolling Mill Stands (Annexes A/33 to A/36);  
Rolling Mill Spindles (Annex A/37);  
Electrical Components (Annex A/38 & /A39);  
Moseley Flattener for scrap (Annex A/40);  
Prefabricated housing units (Annex A/41).

The equipment and machinery were classified according to PEC criteria, details of which are provided in Annex B/1. They are considered satisfactory and respond to the functional needs and site layout of the plant.

Detailed results of the inspection and assessment are reported in Annex B/2 and may be summarized as follows:-

- 2,450 metric tons of the documented 2,850 metric tons of machinery, equipment and materials, that is, eighty six per cent (86%) were retrieved, inspected and valued.  
Out of the said 2,450 metric tons;
- 680 metric tons (28%) were classified as "Good" that is usable with minor repair and refurbishment;
- 1,580 metric tons (64%) were considered "REV" that is usable with substantial repair and refurbishment;
- 190 metric tons (8%) were considered "BAD" that is, had to be replaced.

In determining the value of machinery and equipment, the alternative uses must also be taken into consideration apart from its technical condition. Accordingly we determined the possibilities for use of the said machinery and equipment in other similar plants or other activities generally.

Our opinion in this regard is that by far the greater portion of the machinery and equipment can be used only in the plant supplied by PEC.  
Only a negligible proportion can be used in other steel rolling mill plants or for other activities.

Those items which can only be used in the plant supplied by PEC are classified as "SPECIFIC". Those items which can be used in similar plants or for other activities are classified as "USABLE".

The list of all the items retrieved with their coordinates, packing list number, item number, sheet

number, shipment number, equipment and reference numbers with description and our findings and assessment are contained in Annexes B/3 to B/61.

The list of items not retrieved or identified are contained in Annexures B/62 to B/68.

ASSESSMENT OF MARKET VALUE OF NEW EQUIPMENT

The market value of a similar plant at today's price was first ascertained.

Thereafter the value of the plant and equipment on site were determined based on the following:-

- status of machinery and equipment seen on site,
- total weight of said machinery and equipment,
- area to be occupied by melting shop and rolling mill.

In our valuation we assumed European market conditions and the price, a European company interested in installing the said machinery would pay in an arms length transaction.

PLANT VALUED AS NEW

U.S. \$ x 1000

Melt Shop

Furnace structures	1.250	
Furnace mechanical	1.500	
Gas Cleaning	2.500	
Transformers	1.000	
Electrical equipments	1.250	
Services (Ladles, Buckets, Preheating)	500	
<b>Total for Furnace Equipment</b>		<b>8.000</b>
Continuous Caster	2.000	
Electrical Equipment	1.500	
<b>Total for Continuous Caster</b>		<b>3.500</b>
Roof	1.250	
Columns	1.250	
Cranes	600	
<b>Total for Roof, Columns &amp; Crane</b>		<b>3.100</b>

**TOTAL COST FOR MELT SHOP WITH  
BUILDING STRUCTURES**

-----  
**14.600**

In this estimate, foundation and erection costs, were not considered.

In Europe they usually amount to about 20% of total Melt shop value.

### Rolling Mill

Reheating Furnace	8.000
18 rolling stands with drives	13.000
Cooling bed system & Shear	6.000
Electrical equipment	6.000
<b>Total for Rolling Mill Equipment</b>	<b>33.000</b>

The estimate includes all the auxiliary equipments (like lubrication system, cooling system, tooling etc.)

Roof & Columns	1.750
<b>Total for Roof &amp; Columns</b>	<b>1.750</b>

-----  
**TOTAL COST FOR ROLLING MILL WITH BUILDING STRUCTURES** 34.750

In this estimate foundation and erection costs were not considered.

In Europe they usually amount to about 20% of total rolling mill value.

#### MINI STEEL MILL PLANT

U.S. \$ x 1000

- MELT SHOP	14.600
- ROLLING MILL WITH BUILDING STRUCTURES	34.750
- MOBILE EQUIPMENT	2.400
- ELECTRIC GENERATOR & SCRAP BALER	2.000
<b>TOTAL COST OF THE PLANT VALUED AS NEW</b>	<b>53.750</b>

Erection cost are not included

ASSESSMENT OF MARKET VALUE OF EQUIPMENT AT PRESENT STATUS AT SITE

The main problem that a seller has to contend with in placing on the market such plant is that the plant is tailored made as per the specifications of PEC for Lapec. Usually the needs of each customer differ. Therefore anybody interested in buying the plant will take into consideration possible uses of the plant and its various components, the state of disrepair of plant and machinery and cost of repair and refurbishment to enable him use it for the desired purpose.

In view of the state of disrepair of the plant and machinery and the fact that the plant is tailored made it is most unlikely that a seller will be able to sell the said plant for any appreciable sum. The selling price will be very low compared to the book value at acquisition by the seller.

Based on our findings it is our opinion that the electric furnace and the continuous caster can still be used after necessary repair and refurbishment. However with respect to the rolling mill the cost of repair and refurbishment is so high that we are of the opinion that the rolling mill has only scrap value.

PLANT VALUED AT PRESENT STATUS

U.S. \$ x 1000

Melt Shop

Furnace structures	100	
Furnace mechanical	150	
Gas Cleaning	50	
Transformers	50	
Electrical equipments		
Services	50	
(Ladles, Buckets, Preheating)		
<b>Total for Furnace Equipment</b>		<b>400</b>
Continuous Caster	100	
Electrical Equipment	--	
<b>Total for Continuous Caster</b>		<b>100</b>

Roof	50
Columns	50
Cranes	100

<b>Total for Roof, Columns &amp; Crane</b>	<b>200</b>
--	------------

<b>TOTAL COST FOR MELT SHOP WITH BUILDING STRUCTURES</b>	<b>700</b>
--	------------

Rolling Mill

Rolling Mill Equipment (scrap)	50
Drive Motor & Transformers	350
Roof & Columns (one quarter of the structure is in common with Melt Shop)	100

<b>Total for Rolling Mill with building structures</b>	<b>500</b>
--	------------

MINI STEEL MILL PLANT

U.S. \$ x 1000

- MELT SHOP	700
- ROLLING MILL WITH BUILDING STRUCTURES	500
- MOBILE EQUIPMENT	700
- ELECTRIC POWER GENERATOR	200
- SCRAP BALER	200

<b>TOTAL COST OF THE PLANT VALUED A PRESENT STATUS</b>	<b>2.300</b>
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ASSESSMENT OF ESTIMATE TO EFFECT REPAIR AND REFURBISHMENT SO AS TO MAKE THE PLANT AND MACHINERY OPERATIONAL

By evaluating the equipments of the Steel Mill in Epe, the difference between the status of the various components kept in containers and other parts left in the open and exposed to the elements was, evident.

Based on our experience, we have judged the technical revampability of the components of the Steel Mill independently from the economic point of view.

Then, has been carefully considered the economic aspects and a final evaluation has been made.

Excluding civil works, foundations, flooring and assemblies, the recovery of the steel plant, including the flue-gas treatment unit, has been estimated at 1.66 Millions of U.S.\$\$. This amount represent 21% of the cost of new similar plants estimated in 8.0 Millions of U.S.\$\$.

The recovery of the continuous casting plant, excluding foundations and about 35% of the new electrical equipment, has been estimated at 1.75 Millions of U.S.\$\$ representing 50% of the cost of a new plant with similar characteristics.

Summing the estimated figures, the percentage of the recovering cost, in respect of new similar plants, is 31%.

As far as the Rolling Mill is concerned, we have judged its revamping not economically viable, because of the wide and costly range of interventions required on each single component, therefore resulting in an estimated cost superior to the cost of new similar plant.

The actual status of the various components of the rolling mill requires:-

- to disassemble each single stand;
- to substitute lubrication and control system;
- to remachine necks and bearings, (incompatibility of diameters);
- to disassemble all other mechanical components.

As far as specificity is concerned, it is related to the rolling mill plant itself and to the compatibility of its different components. In actual fact it has been designed and built as a whole and the result is that each stand is proportioned to the preceding and to the following stand.

Besides this, the rolling mill presents the peculiarity that each motor of the rolling stands is connected, for energy supply, to a single transformer (one transformer for one motor). Cooling beds and Roller tables, which are probably the only economically revampable items, are conceived on the basis of the mill layout and may not be easily matched with another rolling mill. The Reheating furnace is of the walking beam type for which a considerable availability of space is required.

It is evident that, with respect to the melt shop, to the continuous casting and to the flue gas treatment unit, the refurbishing cost of the rolling mill, is considerably high, essentially, due to two factors:-

- Weight incidence of the mechanical parts
- Status of their conservation

In an electric furnace, mechanical components are practically absent and those few existing, have been designed, for operation in a very corrosive environment (heating and various type of flue gas emission).

The mechanical parts of the continuous casting, can be estimated at 25% of the total weight of the plant and are concentrated, mostly on the oscillating mold devices and cutting units.

In the Rolling Mill the weight incidence of mechanical components is in the range of 70/75% of the total weight of the plant.

Moreover, with respect to the continuous casting, mechanical parts of the rolling mill, are designed with a great dimensional accuracy, especially those parts for the control of rolled bars, working, at the speed of 12 mt/sec., in the balanced stands. Grinding and lining processes, required for these parts, are very expensive and could not be carried out, locally.

Also, it has to be considered that even though, a minor part of lubricating systems have been kept in containers, the major and remaining parts of the same systems, are located and incorporated in the stands and, as already stated, have been left in the open, exposed to the natural elements, therefore, are badly damaged and corroded. These are practically in a status of disrepair, as can be easily seen from the photographs in the draft report.

The weight of the continuous casting plant, exception made for the relating services (cranes, sliding gates, etc.) is 120 Metric Tons. As previously stated, only 25% of the total weight of the components, has to be reconditioned. We estimate this cost at 0.5 Millions of U.S.\$.

It is our impression that, a similar evaluation could be made for the rolling mill. Seventy five per cent (75%) of the total weight (580 - 600 Tons) has been kept in the open, resulting a total of 450 Tons of the equipment to be reconditioned and for which, a more particular and accurate attention to the rewamping operations, should be given.

The cost of the revamping has been estimated at 12 Millions of U.S.\$; to this amount the cost of reconditioning the reheating furnaces, the new electrical installation, the various adjustment system, etc. have to be added.

Finally, by information obtained locally on the actual status of the steel sector in Nigeria, it has come to our knowledge that, most of the existing rolling mills plants are working at very low capacity (10 or 15%) due

to the shortage of billets to be rolled, while a great percentage, of the billets available in the domestic market, are imported from abroad.

Considering actual status of the various components and consequently the single revamping cost, and in addition, the domestic situation of the steel sector, with respect to the billets, it is our opinion that the plant for production of billets should be given more accurate consideration and a certain preference on its implementation. While, we still believe that, rolling mill, due to the high revamping cost and actual situation in Nigeria, with respect to the billets, should not be revamped.

The estimate for repair and refurbishment is only in respect of the melting shop equipment and structures. Since the rolling mill can not be economically repaired and refurbished, a new one must be purchased at current prices.

The repair and refurbishment of the melting shop equipment can only be undertaken if all the drawings with details and lists of components are provided. We understand that they are not now in the possession of Lagos State.

In order to facilitate the process of repair and refurbishment all items must be appropriately classified and placed in an area where they are conveniently retrievable. In our estimate we have assumed the availability of local labour.

We did not consider facilities for the supply of power and water since it was not considered in the original plan.

**COST FOR REFURBISHMENT AND REPAIR  
TO MAKE THE PLANT OPERATIONAL**

U.S. \$ x 1000

**Melt Shop**

Civil Works and foundations	200	
Flooring	140	
Erection of Building and Cranes (varnishing and preassembly on site)	500	
<b>Total for Melt Shop Building</b>		<b>840</b>
Recovery of Electric Furnace and gas Cleaning System (varnishing and preassembly on Site)	300	
Recovery of mechanical, Hydraulic and Pneumatic components	900	
Recovery of furnace transformer	100	
New electrical equipment with installation	1.200	
Erection of Electric Furnace and Gas Cleaning System	900	
<b>Total Electric Furnace &amp; Gas Cleaning</b>		<b>3.400</b>
Continuous Caster foundation	300	
Structures Recovery and varnish	100	
Recovery & Revision of Mechanical Components	500	
Erection of mechanical structure	500	
New Electrical Equipment with installation	1.000	
<b>Total Continuous Caster</b>		<b>2.400</b>

MINI STEEL MILL PLANT

U.S. \$ x 1000

- MELT SHOP BUILDING	840
- ELECTRIC FURNACE & GAS CLEANING	3.400
- CONTINUOUS CASTER	2.400
- PROVISION FOR CONTINGENCY	640
<b>TOTAL FOR MELT SHOP</b>	<b>7.280</b>
ROLLING MILL (to be completely replaced)	33.000
	-----
<b>TOTAL COST OF REFURBISHED PLANT</b>	<b>40.280</b>

CONCLUSION

Based on our inspection and assessment of the plant and machinery on site, we have made certain findings and formed opinion as highlighted below thus:-

85% of the supplied items were retrieved inspected and assessed. Generally speaking they are in a state of considerable disrepair due to poor storage and exposure to the atmosphere. They need extensive repair and refurbishment to return them to functional condition.

Based on European market conditions the maximum amount realisable through a piece meal sale of the equipment and machinery as in their present condition on site at Epe, is Two Million and Three Hundred Thousand United States dollars (\$ 2.3 million). The estimate for a similar mini steel rolling mill at today's prices in Europe is fifty four million United States dollars (\$ 54 million).

Repair and refurbishment of electric furnace, continuous caster, related auxiliaries, structures and erection is estimated at \$ .. million and three hundred thousand United States dollars (\$ 7.3 million). We assume that required labour is available in Nigeria.

The rolling mill is in such a state of disrepair as to preclude repair and refurbishment. It should be scrapped and replaced with a new one if required.

Based on our knowledge of Nigeria, without the benefit of a formal study, we formed the impression that it should be economically to install and operate in Lagos State, an electric furnace with continuous caster to produce billets to be re-rolled by local rolling mills.

From the manufacturing view point, the production of billets for re-bars is not a complicated process. Its costs of production consist of:

- scrap
- electric energy
- refractories
- man power

In Lagos State, it would seem that scrap is available at competitive prices. Manpower is cheap. Electric energy should cost substantially less than in Europe since fuel is sold at less than a tenth of the price in Europe. Refractories should cost about the same as in Europe.

From the marketing view point, we noticed great activity in the construction of roads and houses. This implies that the consumption of re-bars is high and consequently there is a need for billets.

There are several steel rolling mills operating in Nigeria. However, their output satisfies only a fraction of domestic demand. There are several re-rollers who might for example be interested in operating a common unit to produce only billets.

In the alternative, an interested investor might be located who would operate a facility only for the production of billets.

In view of the preponderance of industries in Lagos State and the fact that there is still no local production of flat sheet, it might be worthwhile for the Lagos State Government for strategic reasons to consider promoting the establishment of a steel mill with flat sheet production capability. This would entail the purchase of required equipment in addition to those that can be repaired and refurbish from the existing steel mill plant on site at Epe.

As stated earlier, our views with respect to the viability of steel production facilities are based on casual observations. We expect that any decision in respect of the viability and need for facilities for the production of steel products in Lagos State will of course be based upon detailed and appropriate studies on the matter.

5.1

**DETAILS OF FINDINGS AND ASSESSMENT**

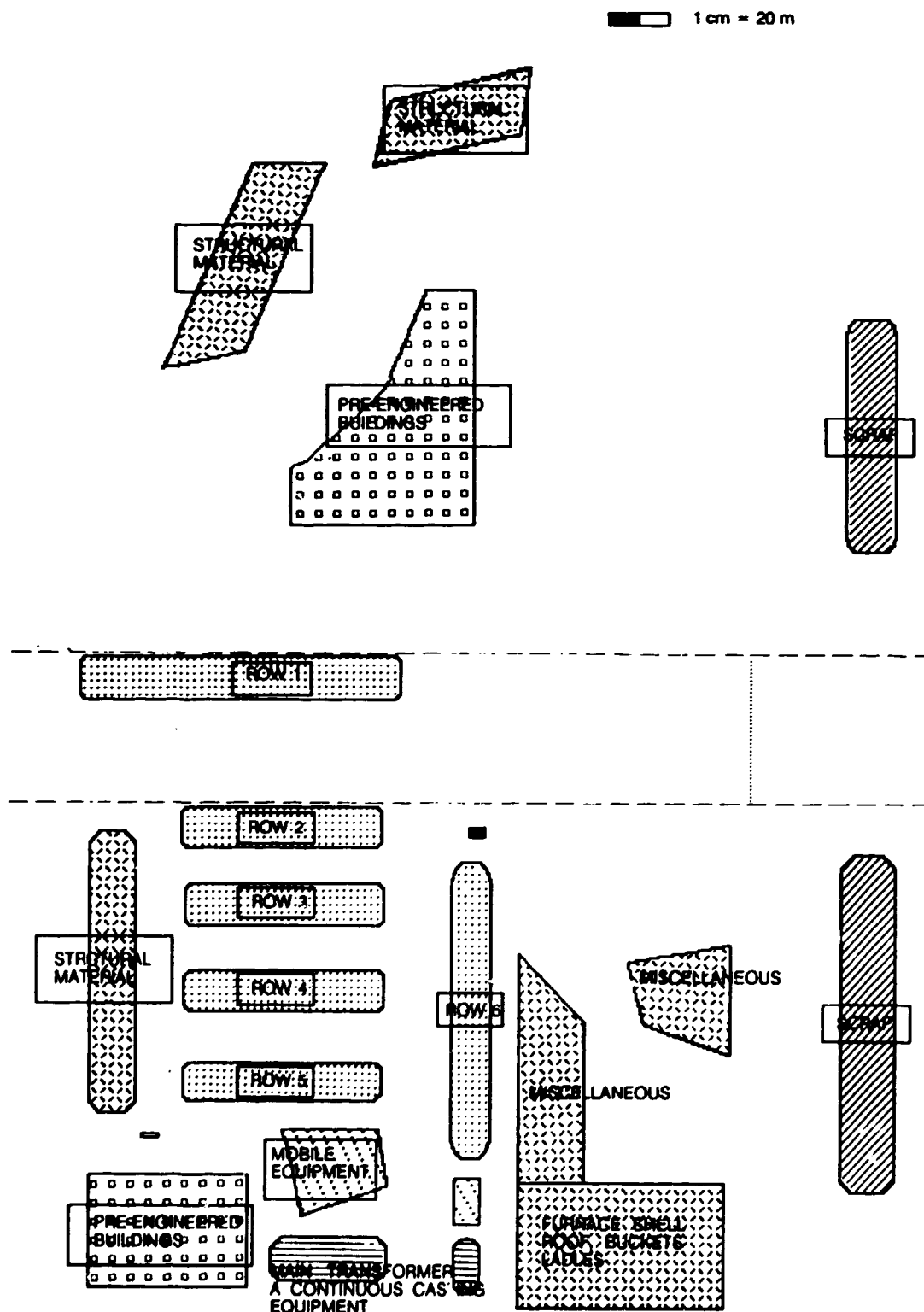
**Annex A1 - A41**



TEAM GROUP

# ASSESSMENT OF MINI MILL EQUIPMENT STORED IN EPE / NIGERIA

## LAYOUT OF SITE



TEAM GROUP

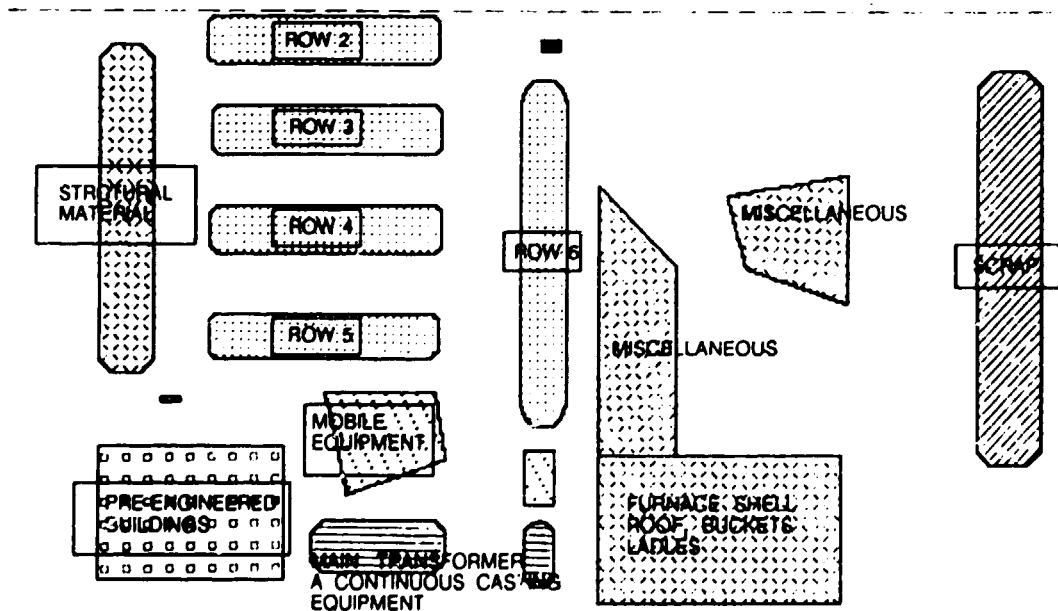
ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA



↑  
ROAD  
TO EPE



VIEW FROM  
HERE ←



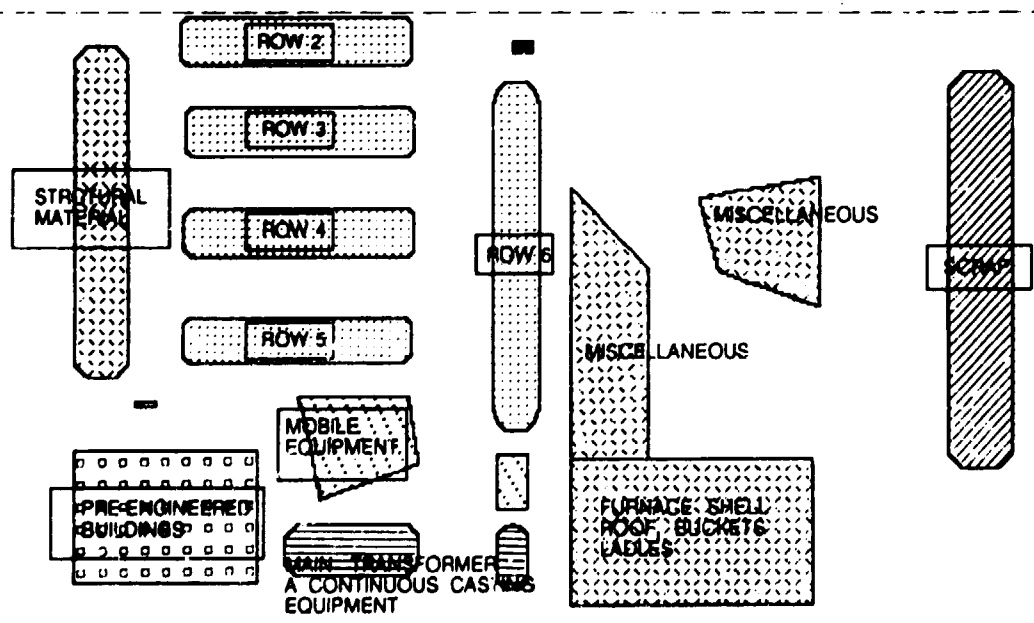
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ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA

↑  
ROAD  
TO EPE



VIEW FROM  
HERE  
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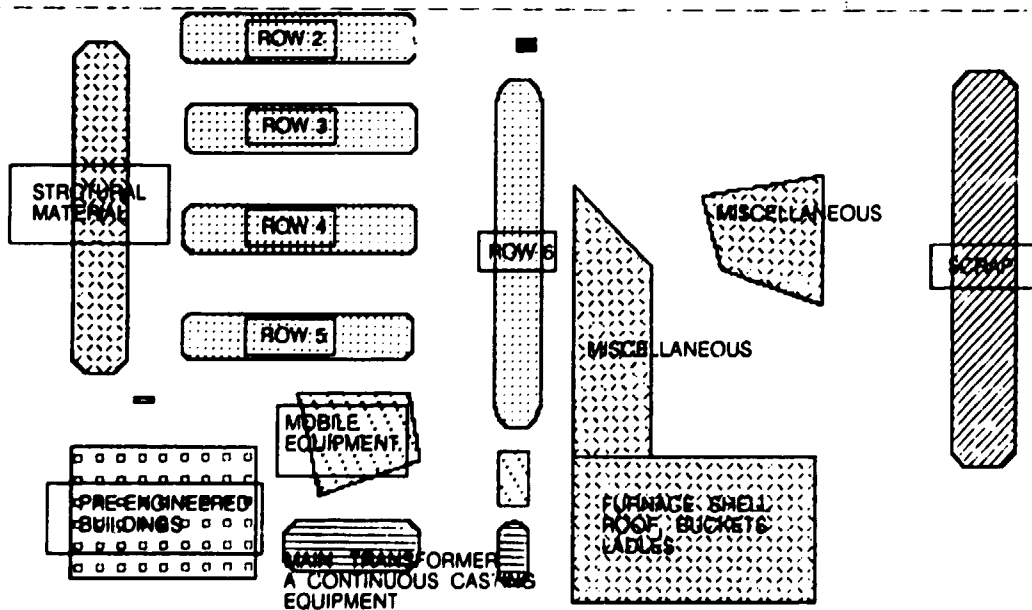
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ROAD  
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VIEW FROM  
HERE



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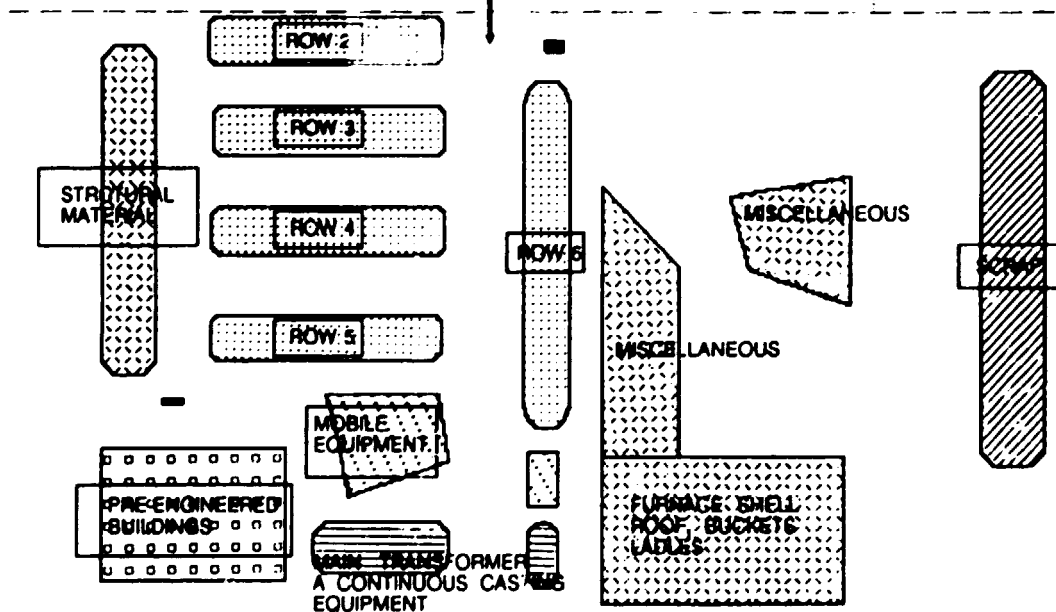
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STORED IN EPE / NIGERIA



ROAD  
TO EPE



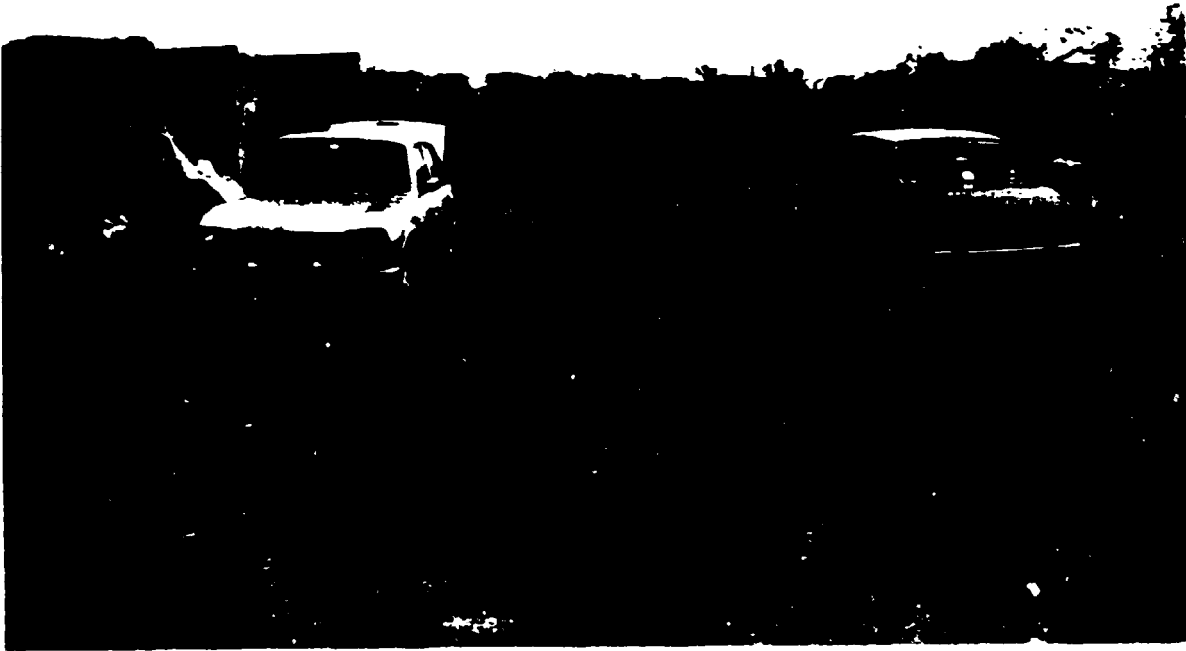
VIEW FROM  
HERE



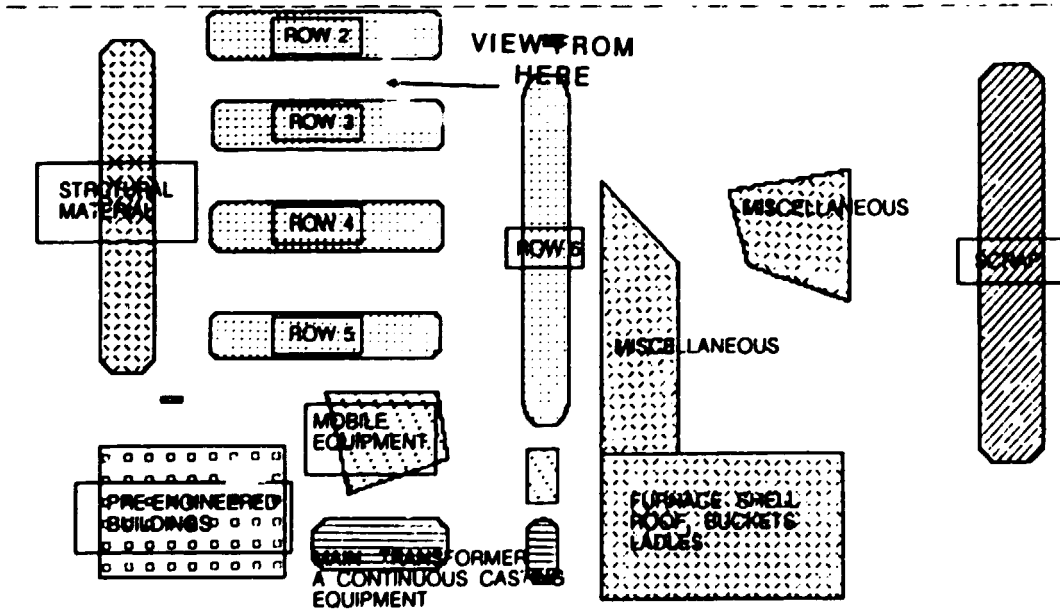
TEAM GROUP

ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA

LAYOUT OF SITE



↑  
ROAD  
TO EPE



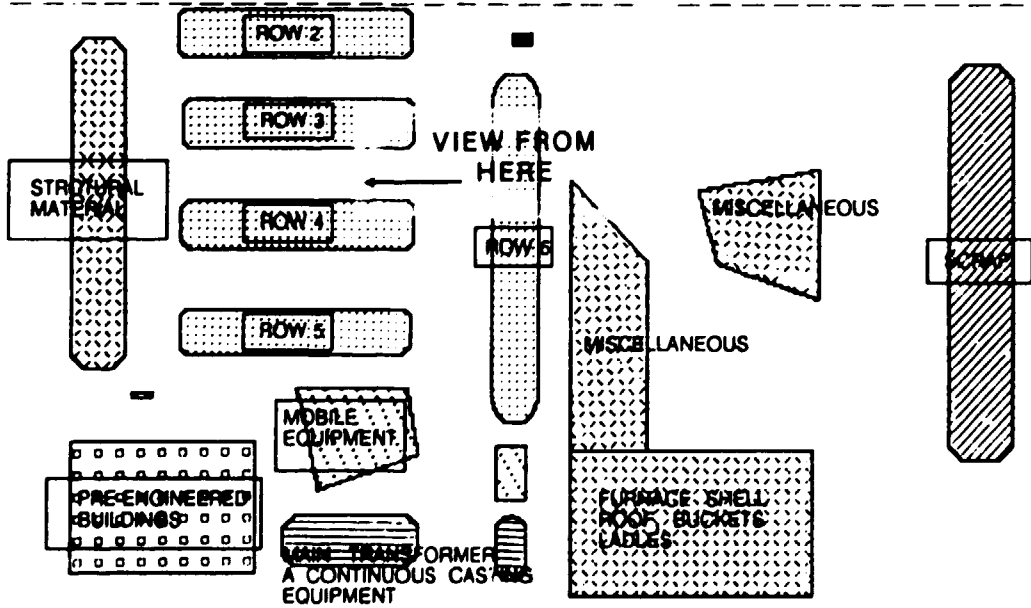
TEAM GROUP

ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA

LAYOUT OF SITE



↑  
ROAD  
TO EPE



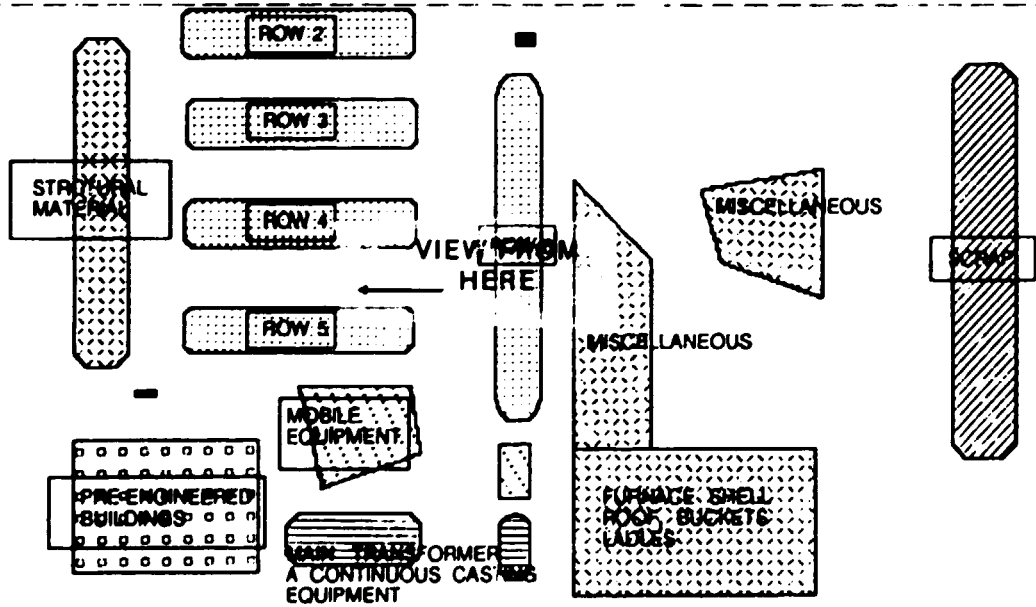
TEAM GROUP

ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA

LAYOUT OF SITE



↑  
ROAD  
TO EPE



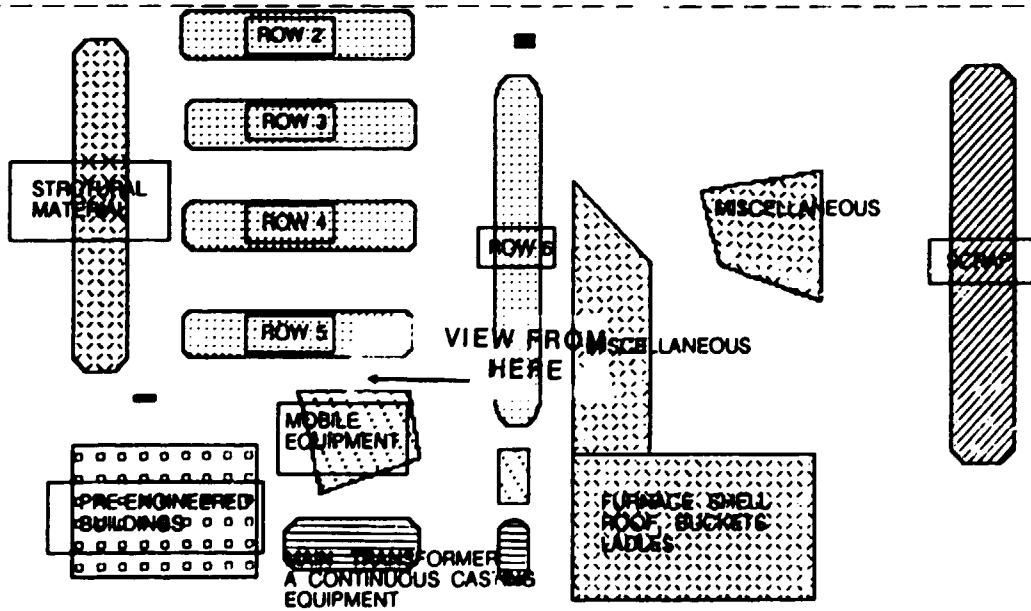


TEAM GROUP

ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA

LAYOUT OF SITE

↑  
ROAD  
TO EPE

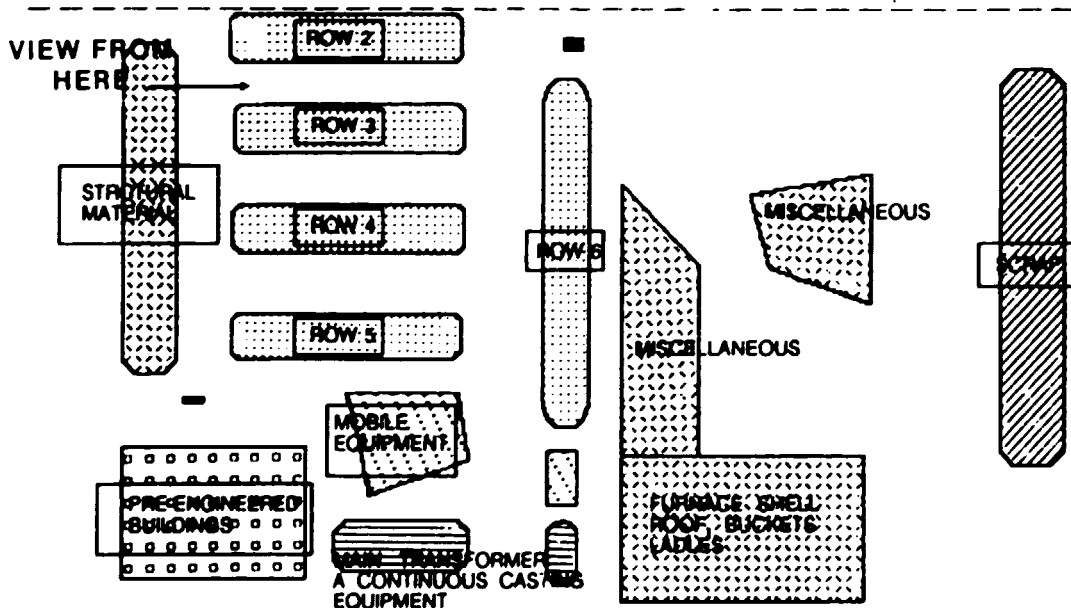


TEAM GROUP

ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA

LAYOUT OF SITE

↑  
ROAD  
TO EPE

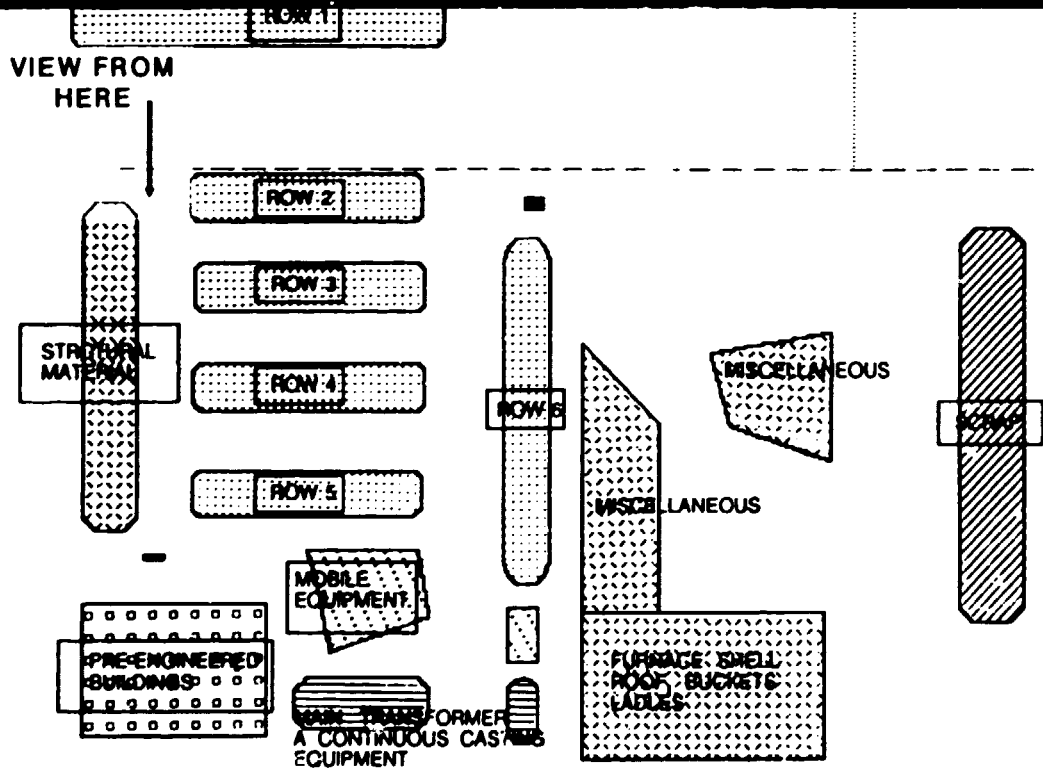


TEAM GROUP

ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA



↑  
ROAD  
TO EPE



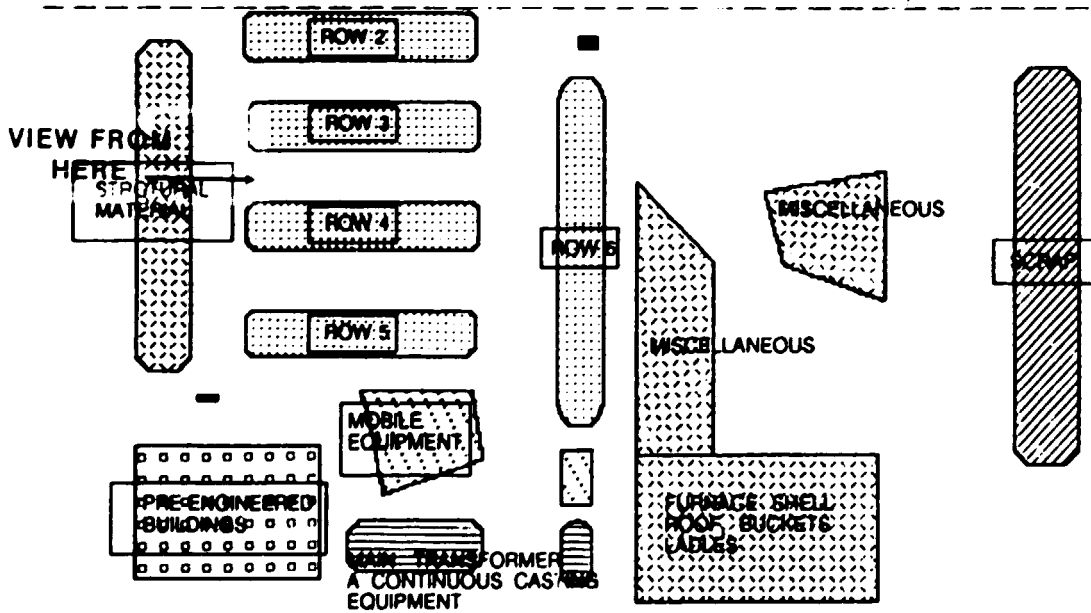
TEAM GROUP

ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA

LAYOUT OF SITE



↑  
ROAD  
TO EPE

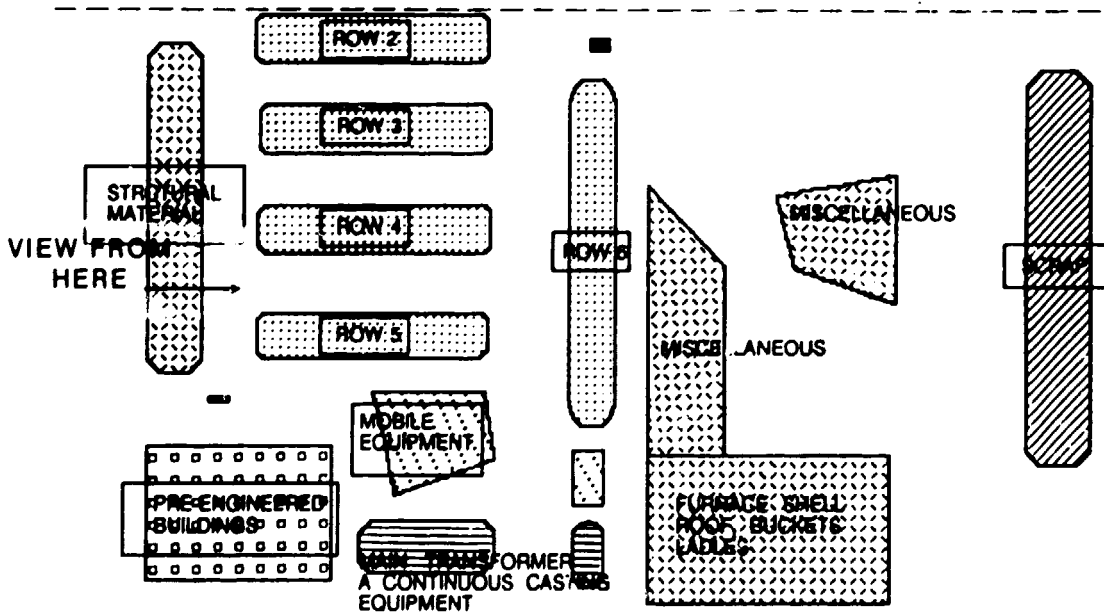


TEAM GROUP

# ASSESSMENT OF MINI MILL EQUIPMENT STORED IN EPE / NIGERIA

LAYOUT OF SITE

↑  
ROAD  
TO EPE

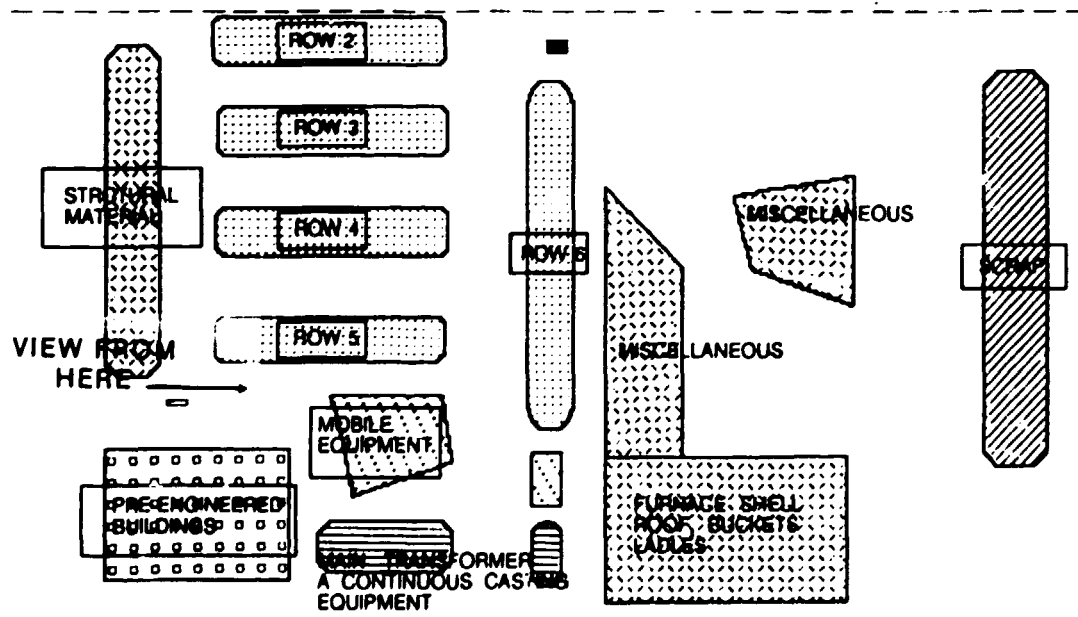


TEAM GROUP

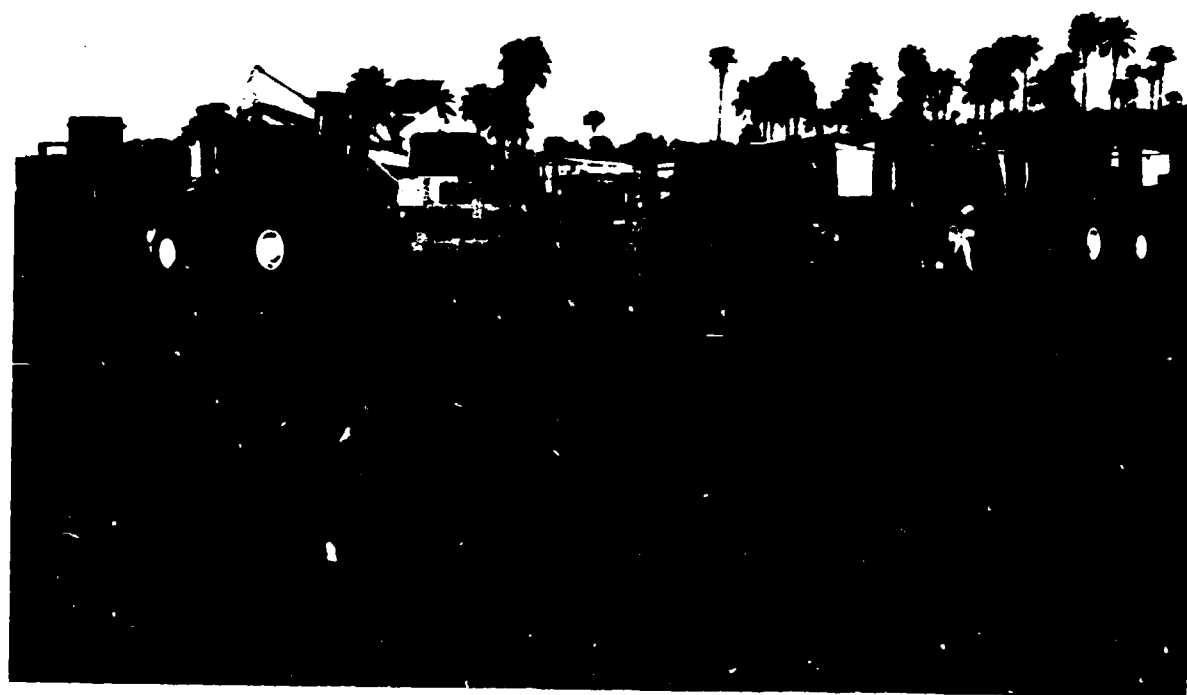
ASSESSMENT OF MINI MILL EQUIPMENT  
STORED IN EPE / NIGERIA

LAYOUT OF SITE

↑  
ROAD  
TO EPE

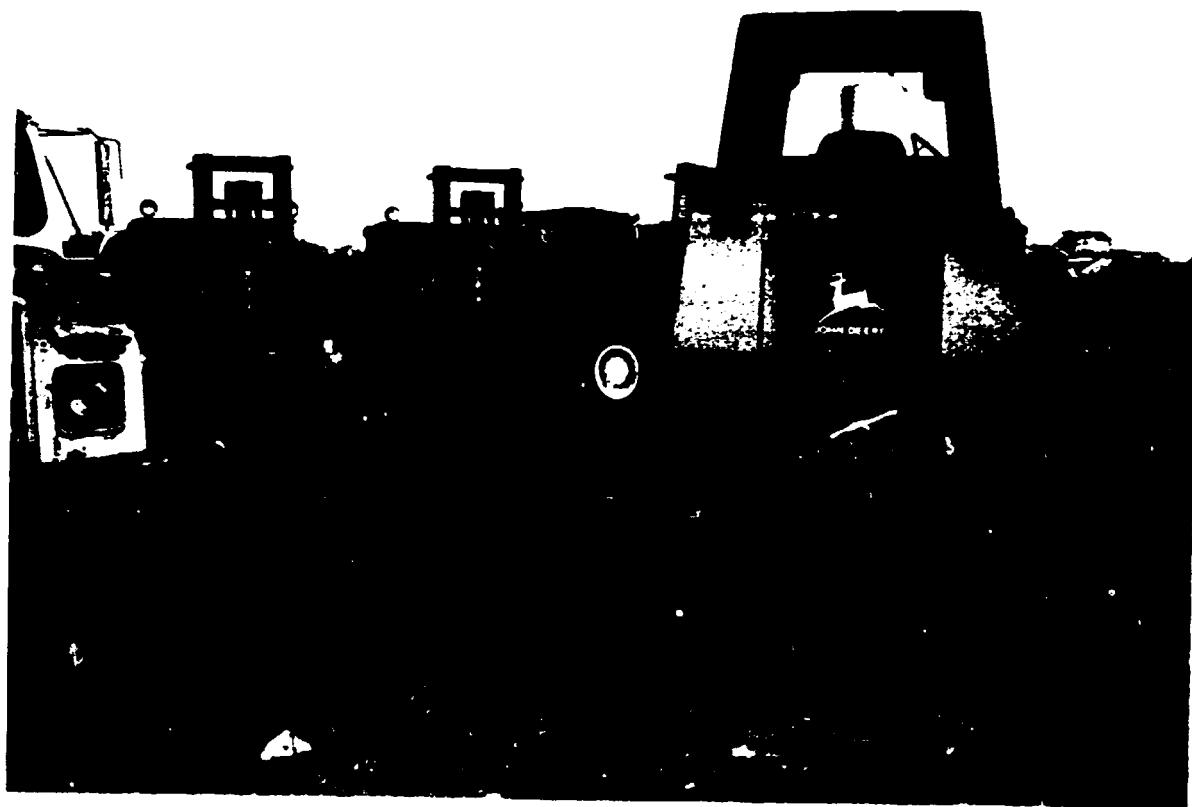


Review and assessment Mini Mill Plant Equipment stored in Epe. Lagos/Nigeria



Mobile Equipment  
Clark fork lift

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Mobile Equipment  
JOHN DEERE Fork Shovel

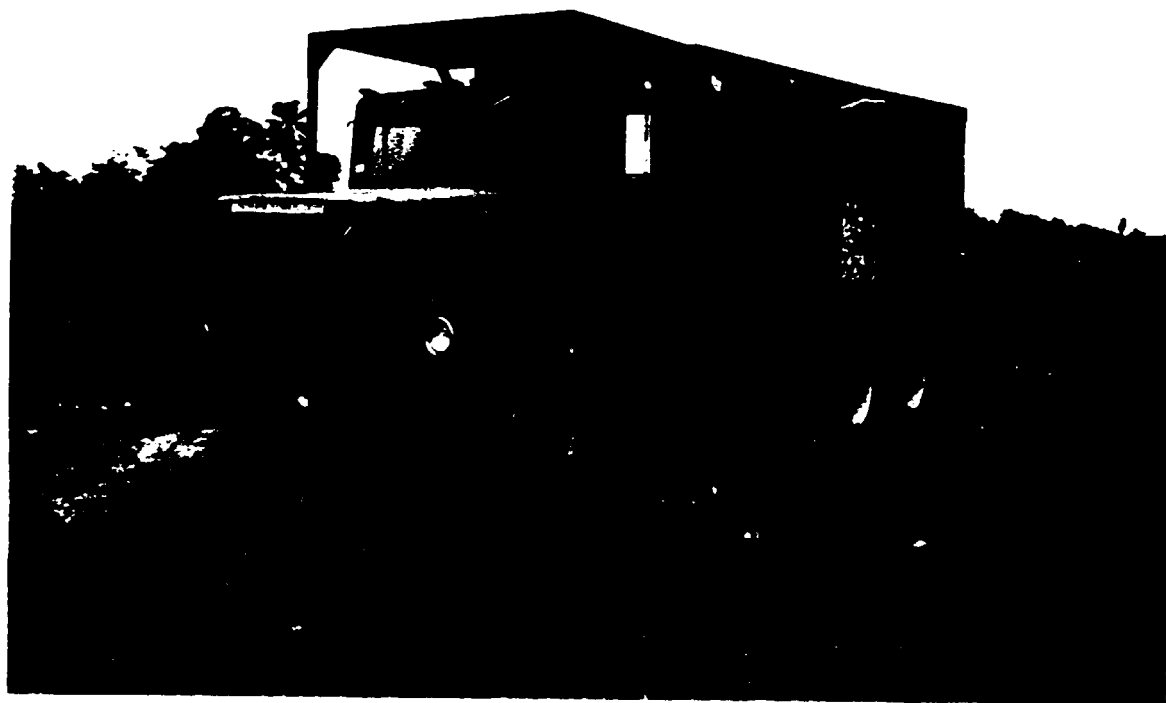


Review and assessment Mini Mill Plant Equipment stored in Epe. Lagos/Nigeria



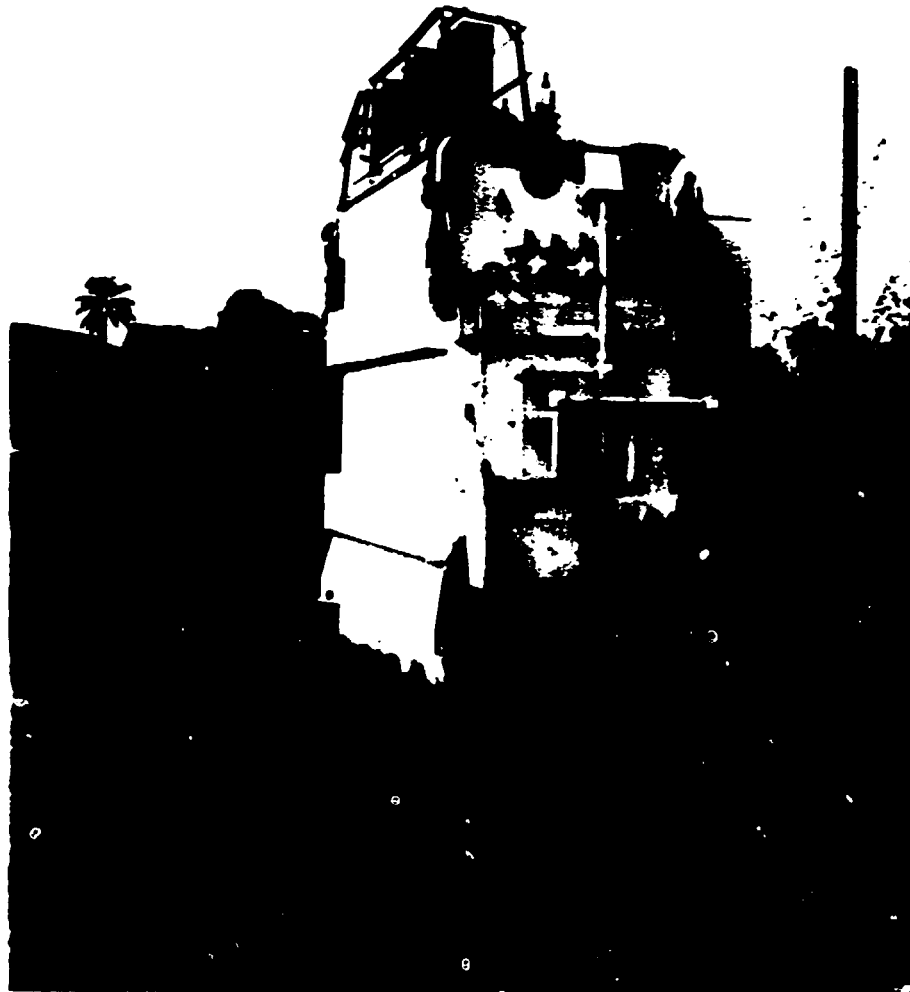
Mobile Equipment  
Scrap grabber

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



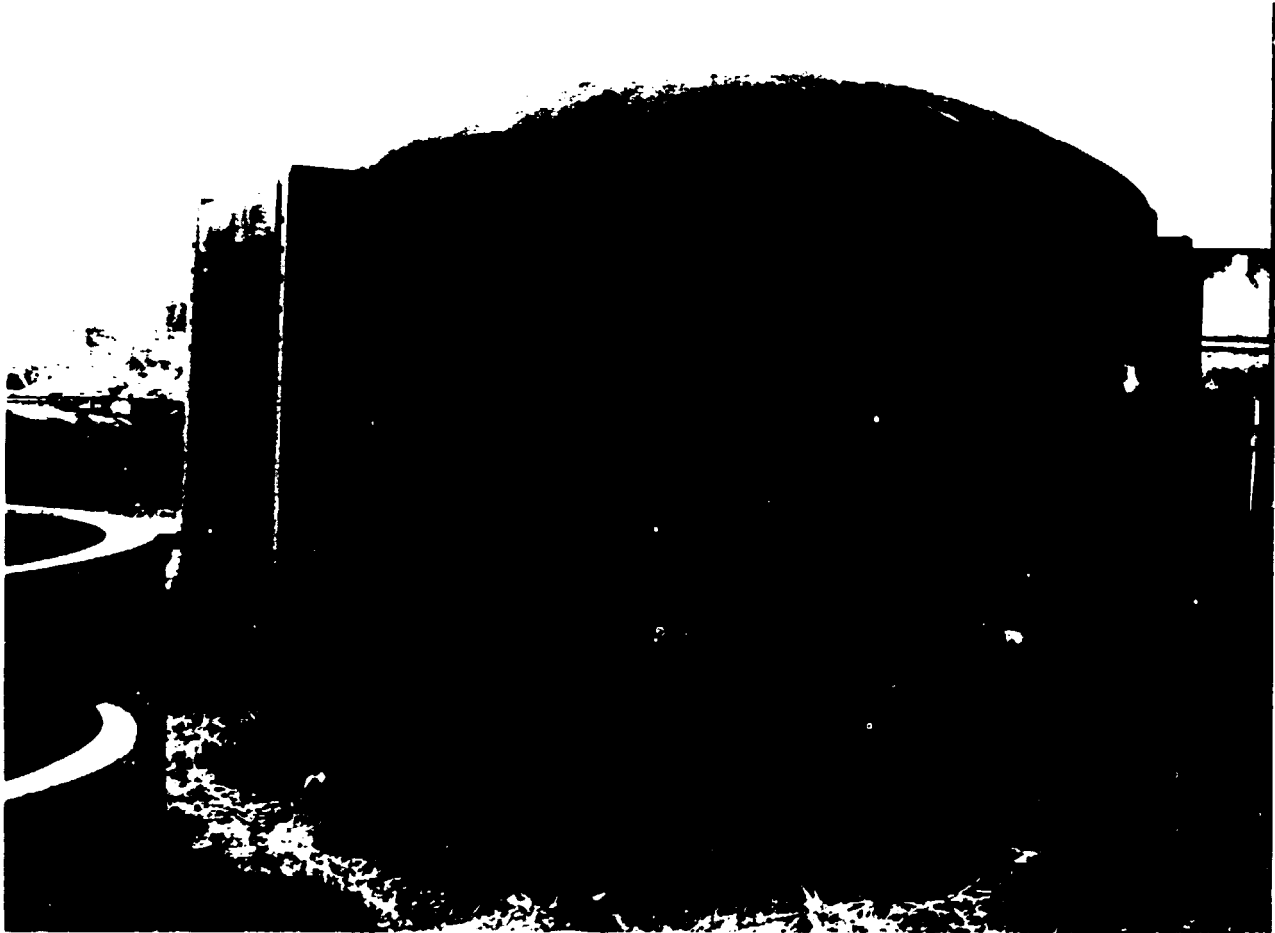
Mobile Equipment  
25 Tons truck for scrap

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Furnace Main Transformer  
25000 KVA (estimated)

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Furnace shell

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Furnace Roof Rings

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Ladles fort Melt shop

Review and assessment Mini Mill Plant Equipment stored in Epe. Lagos/Nigeria



Scrap buckets

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Gas cleaning components

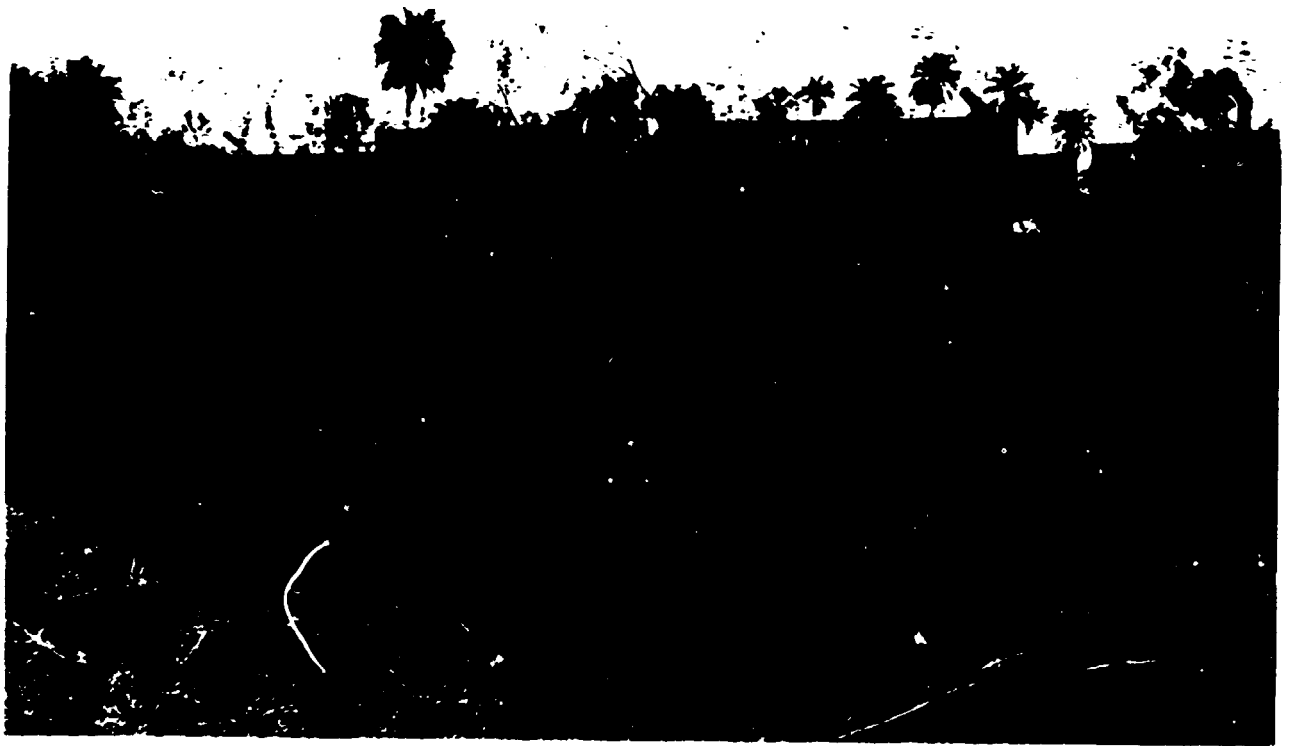


Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



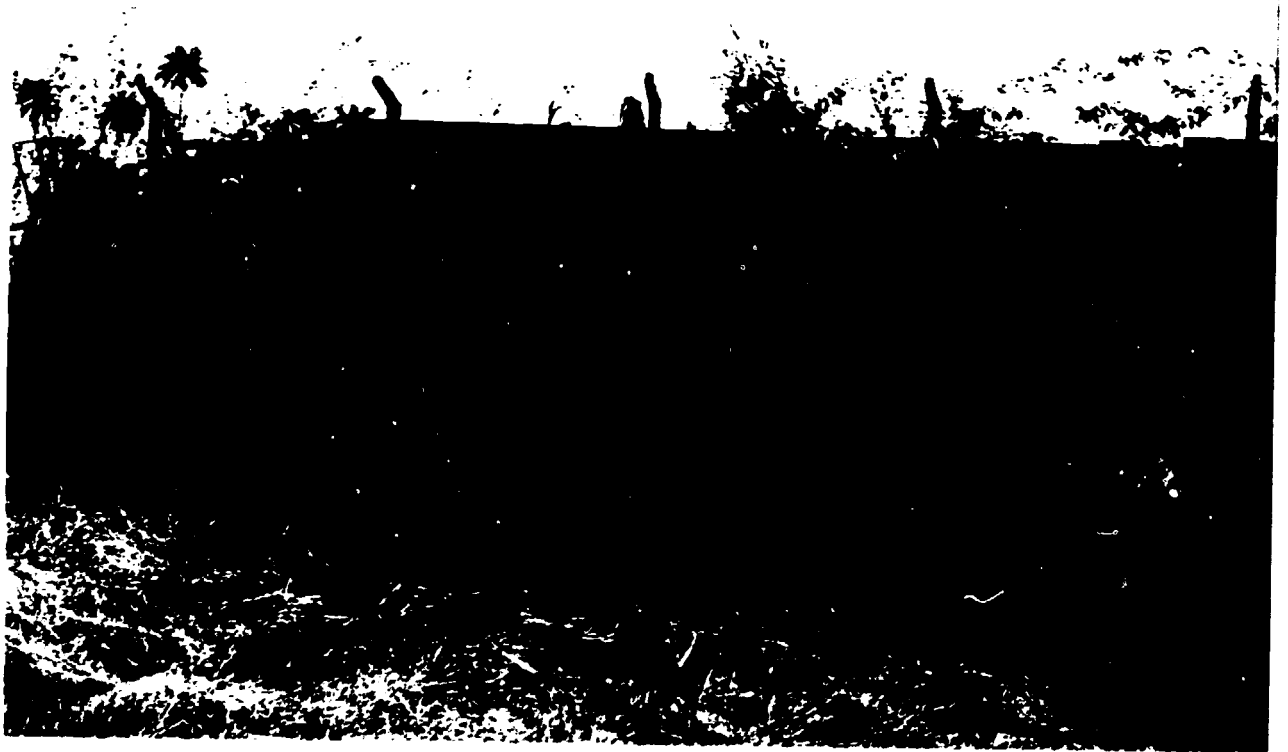
Gas cleaning components

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



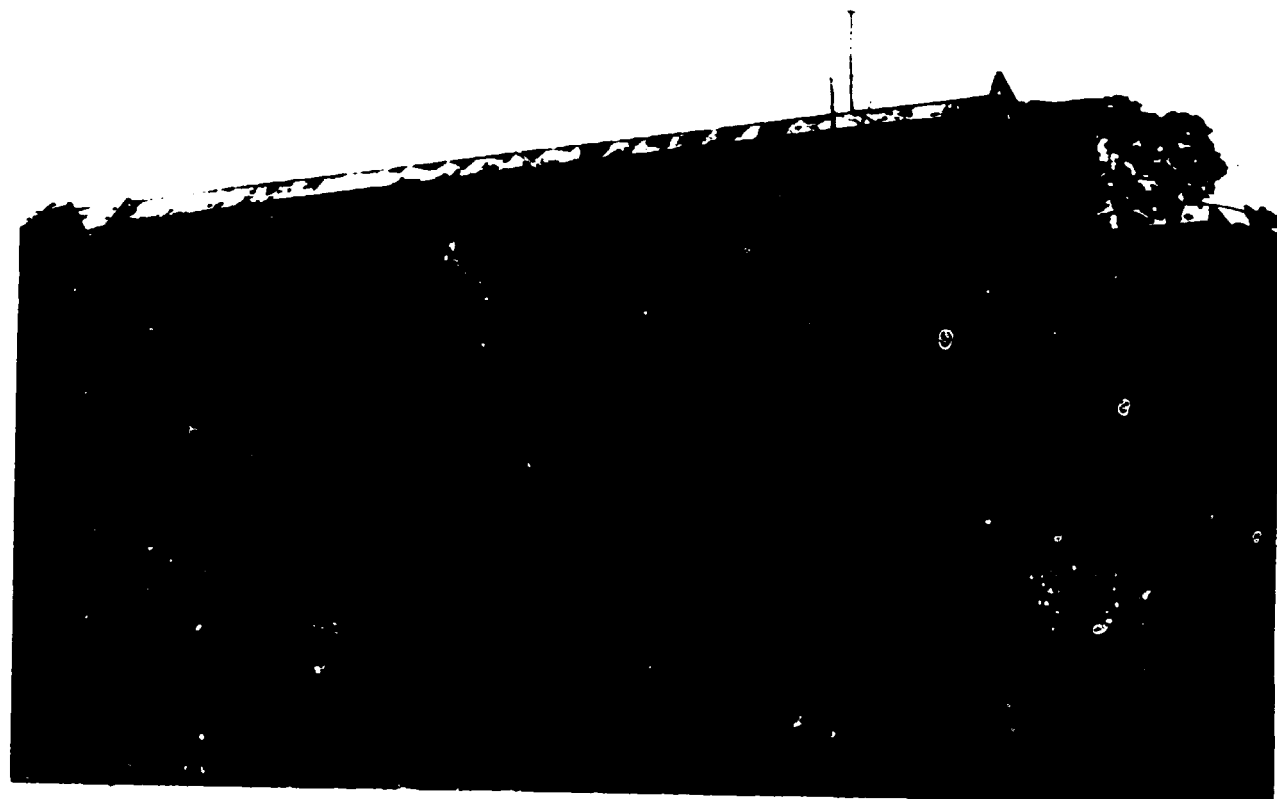
Furnace platform assemblies

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Furnace platform assemblies

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Metal structure

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Metal structures  
Columns and beams

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Main crane

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Continuous casting structures

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Continuous casting structures

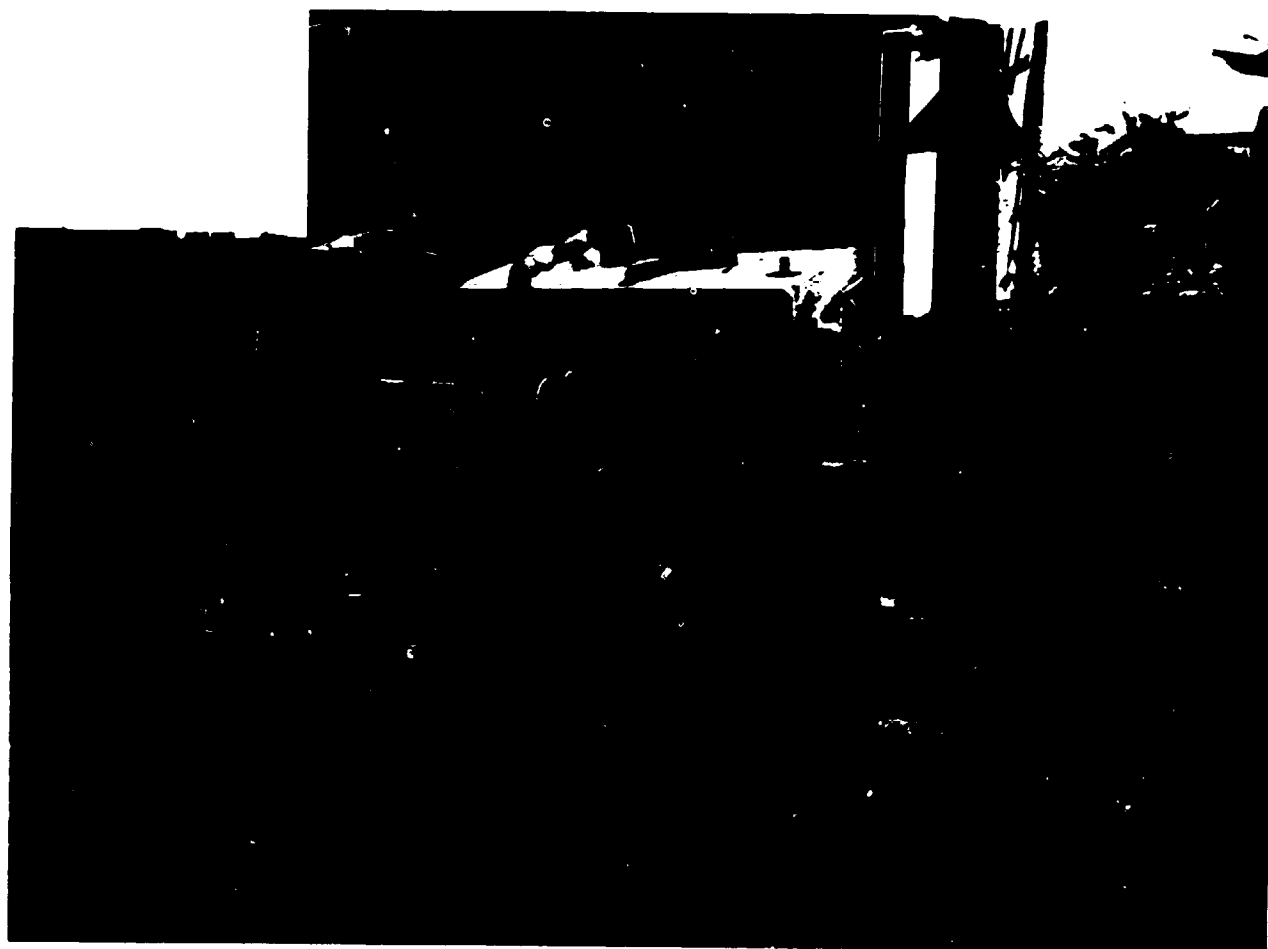


Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



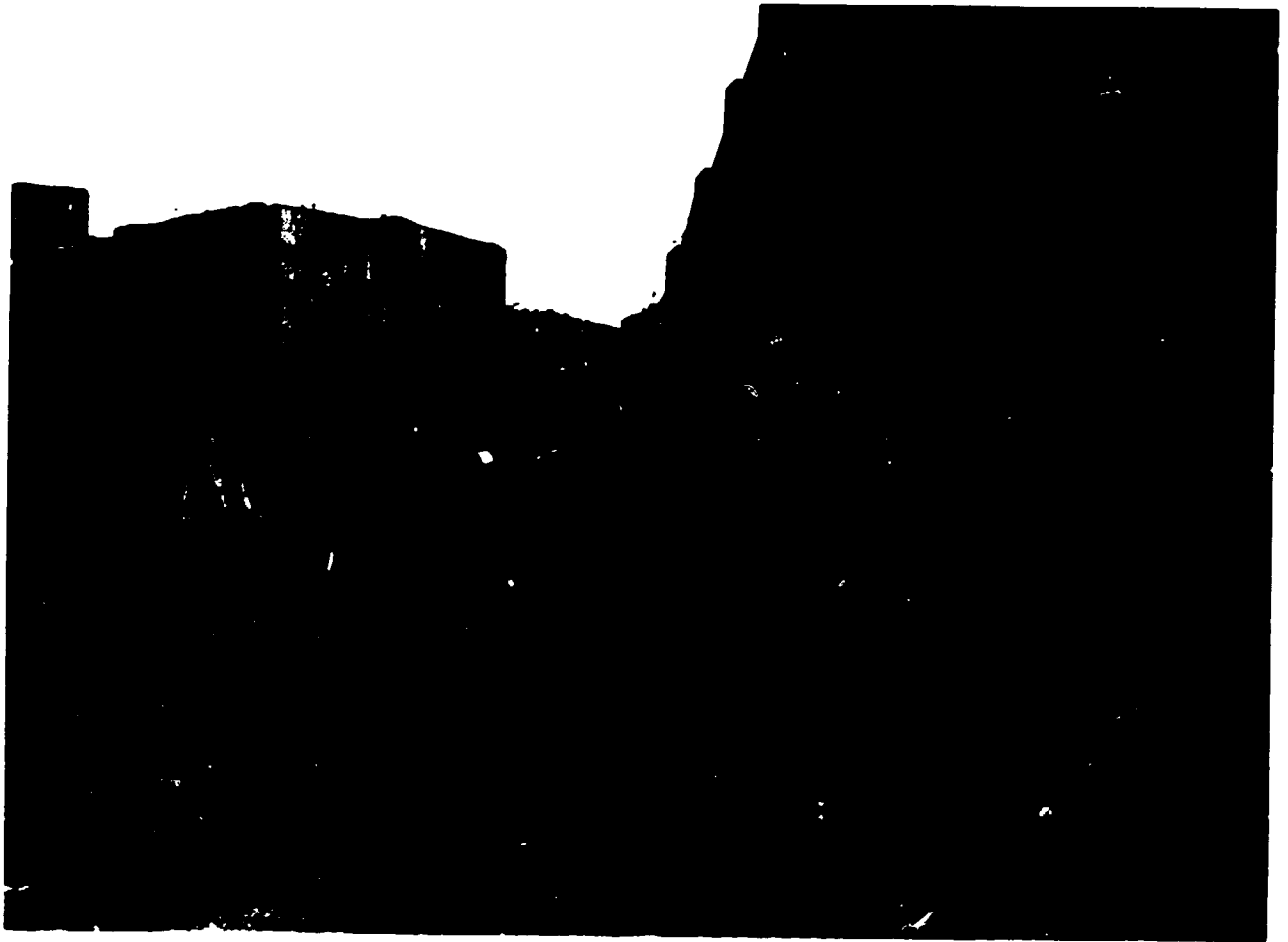
Rolling Mill Stands

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Rolling Mill Stands

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Rolling Mill Stands

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



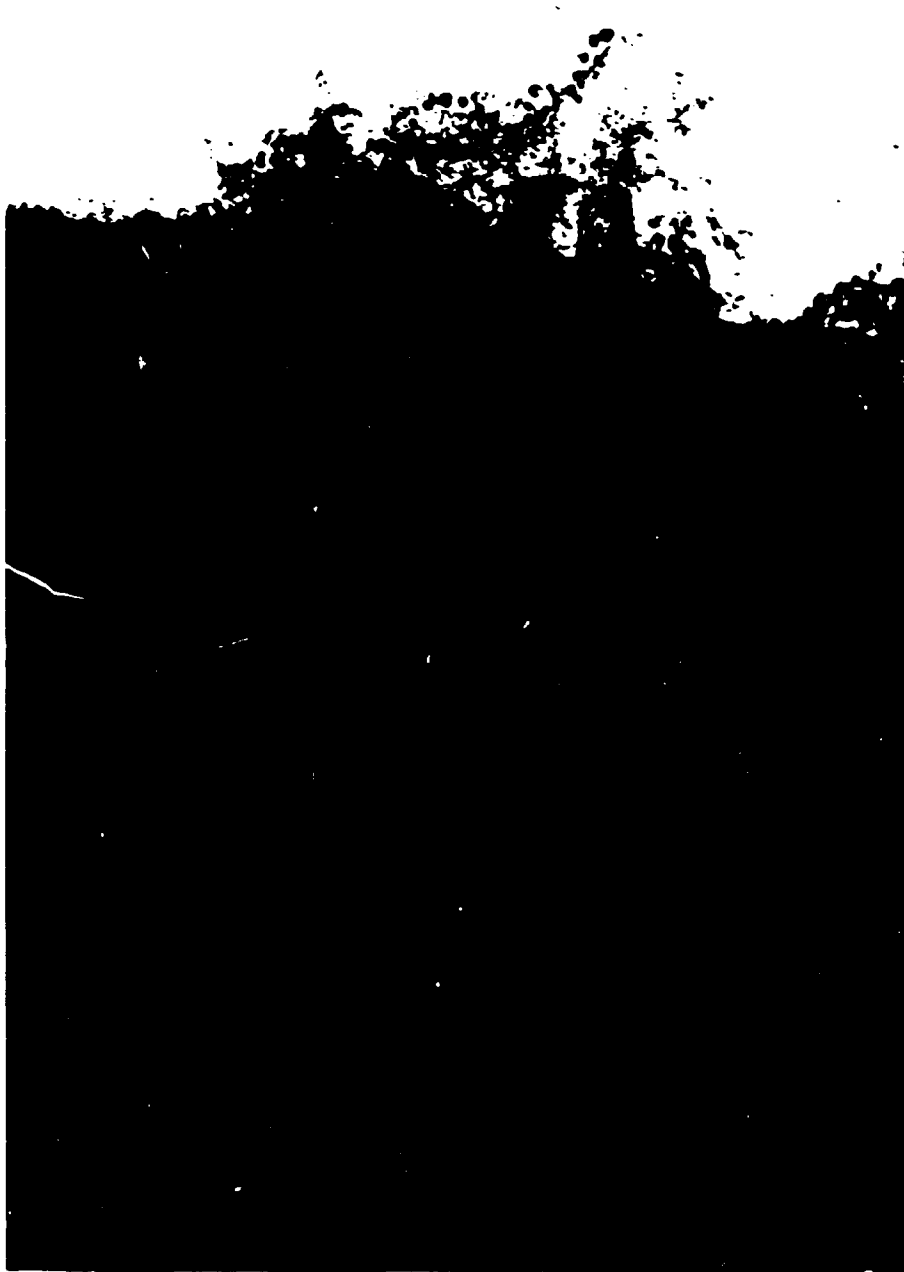
Rolling Mill Stands

Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



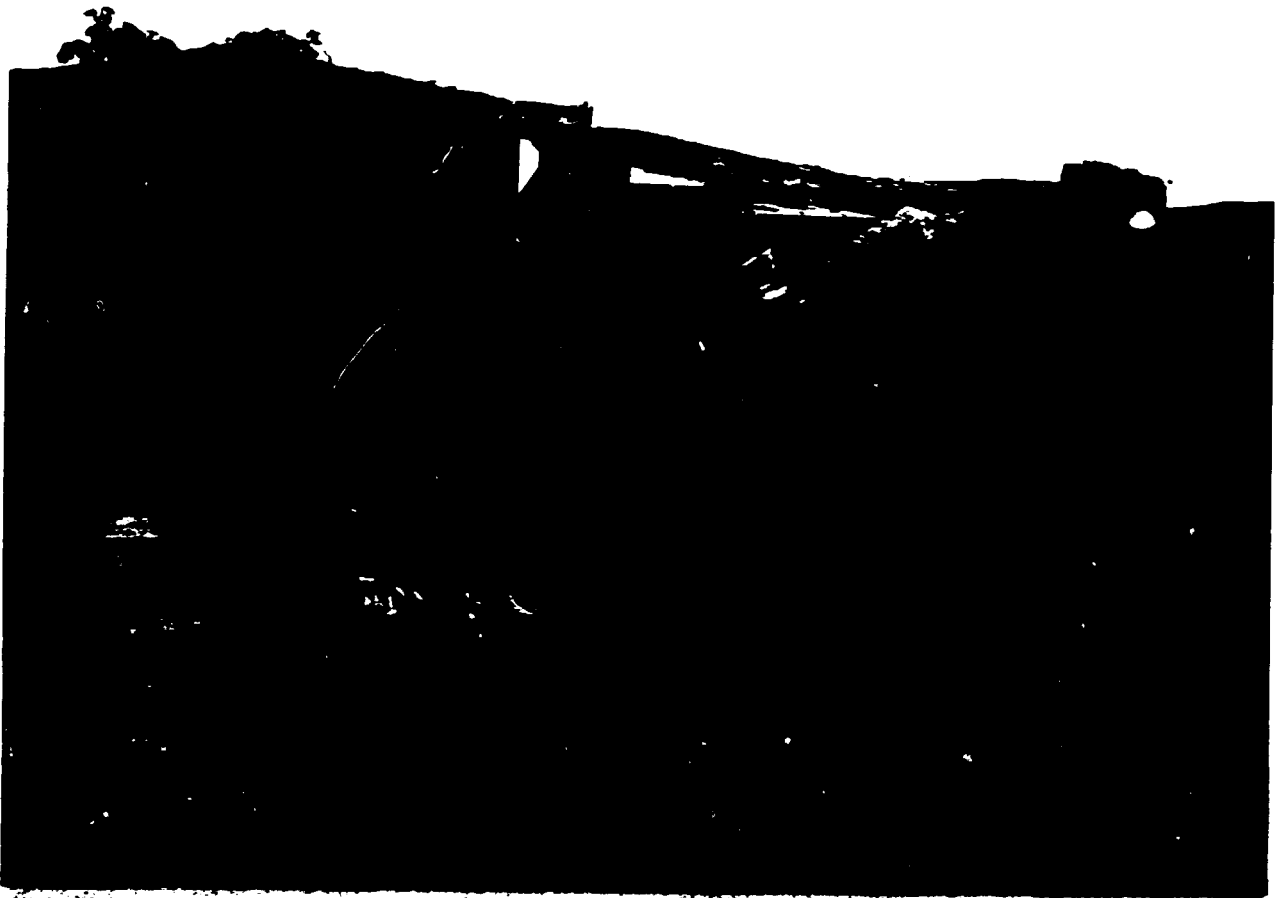
Rolling Mill spindles

Review and assessment Mini Mill Plant Equipment stored in Epe. Lagos/Nigeria



Electrical components

Review and assessment Mini Mili Plant Equipment stored in Epe, Lagos/Nigeria



Electrical components

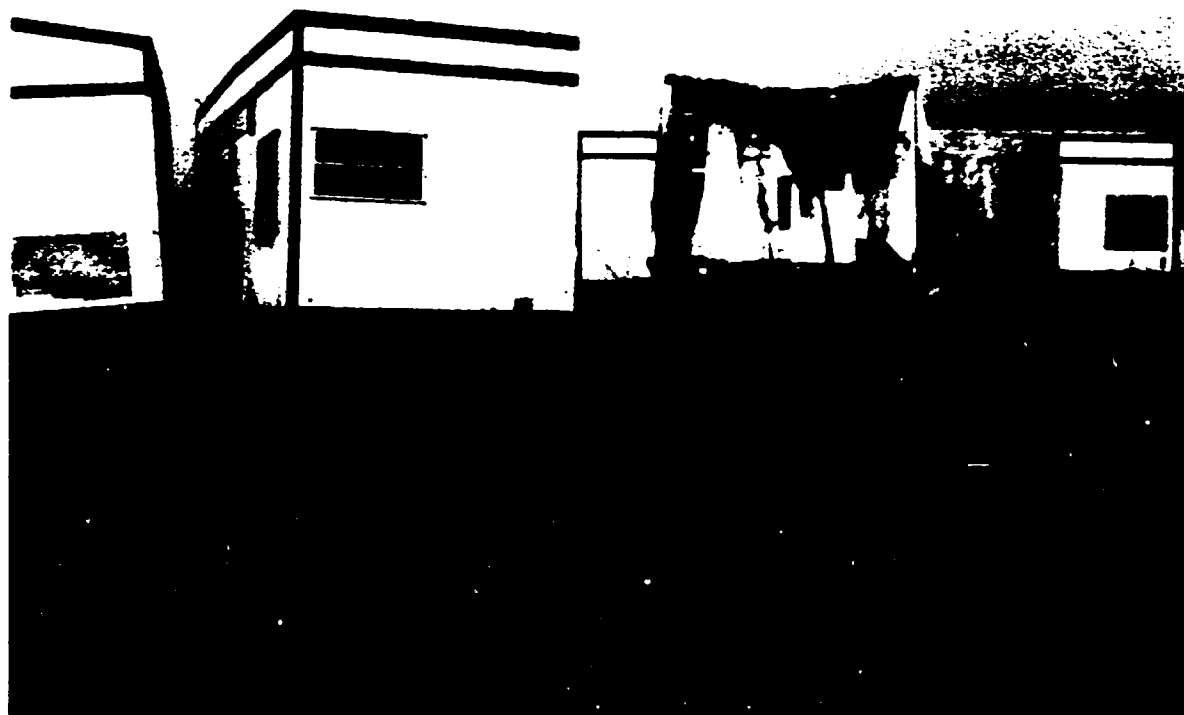
Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Mosley Flatner



Review and assessment Mini Mill Plant Equipment stored in Epe, Lagos/Nigeria



Prefabricated housing units

5.1

DETAILS OF FINDINGS AND ASSESSMENT

Annex B1 - B68

## TEAM GROUP      ASSESSEMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

EQUIPMENT      Reference Description  
Reference No.

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1.0/1.1	STRUCTURAL STEEL AND PRE-FABRICATED BUILDINGS AND SERVICES:MILL BUILDING SYSTEM
1.0/1.3	STRUCTURAL STEEL AND PRE-FABRICATED BUILDINGS AND SERVICES:MISCELLANEOUS
2.0/2.1	MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:OVERHEAD CRANE HANDLING SYSTEM
2.0/2.2	MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:CONTINUOUS CASTING SYSTEM
2.0/2.3	MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:ROLLING MILL SYSTEM
2.0/2.4	MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:MISCELLANEOUS
3.0/3.1	INDUSTRIAL FURNACES AND OVENS AND SERVICES:ELECTRIC FURNACE SYSTEM
3.0/3.2	INDUSTRIAL FURNACES AND OVENS AND SERVICES:REHEAT FURNACE SYSTEM
4.0/4.1	ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MELT SHOP ELECTRICS
4.0/4.2	ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:ROLLING MILL ELECTRIC SYSTEM
4.0/4.3	ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:UTILITY ELECTRIC SYSTEM
4.0/4.4	ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MISCELLANEOUS
5.0/5.1	INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:GAS CLEANING SYSTEM
5.0/5.3	INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MOBILE EQUIPMENT
5.0/5.4	INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MISCELLANEOUS

TEAM GROUP ASSESSEMENT OF MINISTEEL MILL EQUIPMENT STORED IN EPE NIGERIA

GLOBAL INSPECTION RESULTS ON ASSESSEMENT

EQUIP.& REF.No	AM.DOCUMEN. YG	AM.INSPEC. KG	% inspec. on docum.	AM."GOOD" KG on inspec.	% "GOOD"	AM. "REV" KS on inspec.	% "REV"	AM. "BAD" KG on inspec.	% "BAD"
1.0/1.1	763606	763156	99.9%	214664	28.1%	499829	65.5%	49112	6.4%
1.0/1.3	1551	1206	77.8%	1206	100.0%	0	0.0%	0	0.0%
2.0/2.1	231032	179564	77.7%	36700	20.4%	142859	79.6%	0	0.0%
2.0/2.2	117640	93821	79.8%	12947	13.8%	80874	86.2%	0	0.0%
2.0/2.3	572537	434037	75.8%	5102	1.2%	340768	78.5%	88167	20.3%
2.0/2.4	17402	10786	62.0%	7	0.0%	10559	97.9%	220	2.0%
3.0/3.1	301309	291746	96.8%	163058	55.9%	119645	41.0%	5700	2.0%
3.0/3.2	319843	296071	92.6%	191827	64.8%	97610	33.0%	6634	2.2%
4.0/4.1	48675	40025	83.3%	3718	9.3%	28122	70.3%	8185	20.4%
4.0/4.2	84901	73076	86.1%	19492	26.7%	32295	44.2%	21289	29.1%
4.0/4.3	16004	15834	98.9%	10	0.0%	12238	77.3%	3586	22.6%
4.0/4.4	10828	10508	97.0%	2691	25.6%	7817	74.4%	0	0.0%
5.0/5.1	41528	41528	100.0%	7036	16.9%	34333	82.7%	159	0.4%
5.0/5.2	2710	2710	100.0%	231	8.5%	2479	91.5%	0	0.0%
5.0/5.3	204962	98095	47.9%	141	0.1%	97954	99.9%	0	0.0%
5.0/5.4	117518	98535	83.8%	22049	22.4%	71822	72.9%	4664	4.7%
<b>TOTAL</b>	<b>2851446</b>	<b>2450698</b>	<b>85.9%</b>	<b>680879</b>	<b>27.8%</b>	<b>1579204</b>	<b>64.4%</b>	<b>187716</b>	<b>7.7%</b>

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDSED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

## 1.0/1.1 STRUCTURAL STEEL AND PRE-FABRICATED BUILDINGS AND SERVICES:MILL BUILDING SYSTEM

42924	1/10	56	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	10/1	65	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	2/10	57	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	3/10	58	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	4/10	59	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	5/10	60	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	6/10	61	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	7/10	62	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	8/10	63	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42924	9/10	64	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	9/10	67	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	1/10	66	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	10/1	75	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	2/10	67	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	3/10	68	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	5/10	70	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	6/10	71	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	7/10	72	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	8/10	73	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42925	9/10	74	3	#8 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2289
42955	1/9	84	3	#4 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2273
42955	2/9	85	3	#4 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2273
42955	3/9	86	3	#4 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2273
42955	4/9	87	3	#4 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2273
42955	5/9	88	3	#4 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	WEIGHT:	2273

## TEAM GROUP ASSESSEMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	WEIGHT:	
42955	6/9	89	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42955	7/9	90	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42955	8/9	91	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42955	9/9	92	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	1/9	93	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	2/9	94	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	3/9	95	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	4/9	96	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	5/9	97	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	6/9	98	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	7/9	99	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	8/9	100	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42956	9/9	101	3	#4 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2273
42957	1/9	120	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42957	2/9	121	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42957	3/9	122	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42957	4/9	123	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42957	5/9	124	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42957	6/9	125	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42957	7/9	126	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42957	8/9	127	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42957	9/9	128	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42958	1/9	129	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42958	2/9	130	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42958	3/9	131	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269
42958	4/9	132	3	#6 Re Bar 30' Long JUDGEMENT:GOOD	APPLICABILITY:USABLE	2269

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

PACKING No	SHT.	ITEM	SHPN.	DESCRIPTION	WEIGHT:
42958	5/9	133	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42958	6/9	134	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42958	7/9	135	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42958	8/9	136	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42958	9/9	137	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	1/9	138	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	2/9	139	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	3/9	140	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	4/9	141	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	5/9	142	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	6/9	143	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	7/9	144	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	8/9	145	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42959	9/9	146	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42960	1/8	102	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42960	2/8	103	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42960	3/8	104	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42960	4/8	105	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42960	5/8	106	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42960	6/8	107	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42960	7/8	108	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42960	8/8	109	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42961	1/9	111	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42961	2/9	112	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42961	3/9	113	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269
42961	4/9	114	3	#6 Re Bar 30' Long JUDGEMENT:GOOD APPLICABILITY:USABLE	2269

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPH.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT
42961	5/9	115	3	#6 Re Bar 30' Long	GOOD	USABLE	2269
42961	6/9	116	3	#6 Re Bar 30' Long	GOOD	USABLE	2269
42961	7/9	117	3	#6 Re Bar 30' Long	GOOD	USABLE	2269
42961	8/9	118	3	#6 Re Bar 30' Long	GOOD	USABLE	2269
42961	9/9	119	3	#6 Re Bar 30' Long	GOOD	USABLE	2269
43411	1/5	381	7	Bar Joist	REV	SPECIFIC	1984
43411	2/5	382	7	Bar Joist	REV	SPECIFIC	3780
43411	3/5	384	7	Bar Joist	REV	SPECIFIC	2052
43411	4/5	386	7	Bar Joist	REV	SPECIFIC	1886
43411	5/5	387	7	Bar Joist	REV	SPECIFIC	1887
43412	1/6	396	7	Rafters	REV	SPECIFIC	2719
43412	2/6	397	7	Rafters	REV	SPECIFIC	2639
43412	3/6	398	7	Rafters	REV	SPECIFIC	2613
43412	4/6	399	7	Rafters	REV	SPECIFIC	2489
43412	5/6	391	7	WG	REV	SPECIFIC	1398
43412	6/6	392	7	W	REV	SPECIFIC	699
43414	1/9	393	7	Rafter	REV	SPECIFIC	2558
43414	2/9	394	7	Rafter	REV	SPECIFIC	2612
43414	3/9	395	7	WG	REV	SPECIFIC	1273
43414	4/9	400	7	WG	REV	SPECIFIC	1352
43414	5/9	401	7	Crane Beam, 1" Pipe	REV	SPECIFIC	2981
43414	6/9	402	7	Rafter	REV	SPECIFIC	2612
43414	7/9	403	7	Canopy Rafter	REV	SPECIFIC	267
43414	8/9	404	7	Walkway Section	REV	SPECIFIC	1204
43414	9/9	405	7	Walkway Section	REV	SPECIFIC	1606
43415	1/6	406	7	RF Columns	REV	SPECIFIC	2785



## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGE

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION		WEIGHT:	
43415	2/6	407	7	RF Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2422	
43415	3/6	408	7	RF Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2465	
43415	4/6	409	7	RF Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2428	
43415	5/6	410	7	WG JUDGEMENT:REV	APPLICABILITY:SPECIFIC	3198	
43415	6/6	411	7	2xUpstair Platform,2x Lower Platform,2xStair Assy's JUDGEMENT:REV	APPLICABILITY:SPECIFIC	1179	
43447	1/7	412	7	WG JUDGEMENT:REV	APPLICABILITY:SPECIFIC	3280	
43447	2/7	413	7	WG JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2913	
43447	3/7	414	7	WG JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2917	
43447	4/7	415	7	RF Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2785	
43447	5/7	416	7	RF Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2694	
43447	6/7	417	7	RF Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2752	
43447	7/7	418	7	WG JUDGEMENT:REV	APPLICABILITY:SPECIFIC	3266	
43448	1/6	419	7	RF Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2963	
43448	2/6	420	7	RF Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2762	
43448	3/6	421	7	WG JUDGEMENT:REV	APPLICABILITY:SPECIFIC	3429	
43448	4/6	422	7	WG JUDGEMENT:REV	APPLICABILITY:SPECIFIC	3022	
43448	5/6	423	7	Pipe JUDGEMENT:REV	APPLICABILITY:SPECIFIC	1865	
43448	6/6	424	7	Pipe JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2039	
43449	1/6	425	7	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2997	
43449	2/6	426	7	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2997	
43449	3/6	427	7	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2997	
43449	4/6	428	7	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2980	
43449	5/6	429	7	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2473	
43449	6/6	430	7	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2963	
43450	2/9	432	7	Rafter JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2558	
43450	3/9	433	7	Column JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2740	

## LIST OF EQUIPMENTS NOT CONTAINING RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:
43450	4/9	434	7 Column			2789
43450	5/9	435	7 Column			2792
43450	6/6	431	7 Rafter			2558
43450	6/9	436	7 WG			1020
43450	7/9	437	7 WG, Crane Beam			2118
43450	8/9	438	7 WG			366
43450	9/9	439	7 Walk way Section			1204
43452	1/4	383	7 Bar Joist			1984
43452	2/4	385	7 Bar Joist			1984
43452	3/4	388	7 Bar Joist			1961
43452	4/4	390	7 Angle			1778
43453	1/11	441	7 Beam			1145
43453	10/1	450	7 Beam			5402
43453	11/1	451	7 Beam			5384
43453	2/11	442	7 Beam			1145
43453	3/11	443	7 Beam			1145
43453	4/11	444	7 Beam			1145
43453	5/11	445	7 Beam			1145
43453	6/11	446	7 Beam			1145
43453	7/11	447	7 Beam			1145
43453	8/11	448	7 Beam			1145
43453	9/11	449	7 Beam			1145
43516	1/9	452	7 PRE-ENGINEERED BUILDINGS:Beam			1145
43516	2/9	453	7 PRE-ENGINEERED BUILDINGS:Beam			1145
43516	3/9	454	7 PRE-ENGINEERED BUILDINGS:Beam			1145
43516	4/9	455	7 PRE-ENGINEERED BUILDINGS:Beam			1145

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SNPH.	DESCRIPTION	WEIGHT:
43516	5/9	456	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	1145
43516	6/9	457	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	1145
43516	7/9	458	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	1145
43516	8/9	459	7	PRE-ENGINEERED BUILDINGS:Box Girder JUDGEMENT:REV APPLICABILITY:SPECIFIC	6604
43516	9/9	460	7	PRE-ENGINEERED BUILDINGS:Box Girder JUDGEMENT:REV APPLICABILITY:SPECIFIC	6408
43517	1/10	461	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	10/1	470	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	2/10	462	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	3/10	463	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	4/10	464	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	5/10	465	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	6/10	466	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	7/10	467	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	8/10	468	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43517	9/10	469	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2179
43518	1/12	471	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2413
43518	10/1	485	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	1145
43518	11/1	486	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	1145
43518	12/1	487	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	1145
43518	2/12	472	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2413
43518	3/12	473	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2335
43518	4/12	479	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2166
43518	5/12	480	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2166
43518	6/12	481	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	2166
43518	7/12	482	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	1229
43518	8/12	483	7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	1186

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	WEIGHT:	
43518	7/12	484 7	PRE-ENGINEERED BUILDINGS:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1145
43666	1/10	355 7	PRE-ENGINEERED BUILDINGS:Crane Rails JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	2619
43666	10/1	364 7	PRE-ENGINEERED BUILDINGS:RF Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1757
43666	2/10	356 7	PRE-ENGINEERED BUILDINGS:Crane Rails JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	3493
43666	3/10	357 7	PRE-ENGINEERED BUILDINGS:Crane Rails JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	2620
43666	4/10	358 7	PRE-ENGINEERED BUILDINGS:Crane Rails JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	2620
43666	5/10	359 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	792
43666	6/10	360 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	792
43666	7/10	361 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1266
43666	8/10	362 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1266
43666	9/10	363 7	PRE-ENGINEERED BUILDINGS:RF Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1845
43667	1/13	366 7	PRE-ENGINEERED BUILDINGS:Crane rails JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1197
43667	10/1	377 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1099
43667	11/1	378 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1208
43667	12/1	379 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	873
43667	13/1	380 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	873
43667	2/13	367 7	PRE-ENGINEERED BUILDINGS:Crane rails JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	2395
43667	3/13	368 7	PRE-ENGINEERED BUILDINGS:Crane rails JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	2395
43667	4/13	369 7	PRE-ENGINEERED BUILDINGS:WG Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1522
43667	5/13	370 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1556
43667	6/13	371 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	2827
43667	7/13	374 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1337
43667	8/13	375 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1350
43667	9/13	376 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	1514
				927 Cu.mt	445362 Kg

2.0/2.1 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:OVERHEAD CRANE HANDLING SYSTEM

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

PACKING No	SHT.	ITEM	SHPN.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
42893	2-3/	34	3	Flo-Con Parts	REV	SPECIFIC/USABLE ELSEWHERE	4530	
42895	1/3	38	3	FURNACES:Scrap Bucket/Ladle Bail	GOOD	USABLE ELSEWHERE	2265	
42895	2/3	39	3	32 Ton Teeming Ladle	GOOD	USABLE ELSEWHERE	6795	
42895	3/3	40	3	32 Ton Teeming Ladle	GOOD	USABLE ELSEWHERE	6795	
42898	1/3	35	3	Scrap Bucket ladle/bail	GOOD	USABLE ELSEWHER	2265	
42898	2/3	36	3	32 Ton Teeming Ladle	GOOD	USABLE ELSEWHERE	6795	
42898	3/3	37	3	32 Ton Teeming Ladle	GOOD	USABLE ELSEWHERE	6795	
43598	1/6	574	8	FURNACES-SHEAR/BALER EQUIPMNT:Side Ran TC-150(15") Through 18" wide by 8" long	REV	SPECIFIC/USABLE ELSEWHERE	3202	
43598	2/6	575	8	FURNACES-SHEAR/BALER EQUIPMNT:Control Cab Stand-TC-150,Box of assorted Parts and Pieces	REV	SPECIFIC/USABLE ELSEWHERE	383	
43598	3/6	576	8	FURNACES-SHEAR/BALER EQUIPMNT:Operators Control Cab-TC-150	REV	SPECIFIC/USABLE ELSEWHERE	422	
43598	4/6	577	-	FURNACES-SHEAR/BALER EQUIPMNT:Trough 18" wide by 24" long	REV	SPECIFIC/USABLE ELSEWHERE	467	
43598	5/6	578	8	FURNACES-SHEAR/BALER EQUIPMNT:Power Unit for TC-150	REV	SPECIFIC/USABLE ELSEWHERE	3454	
43598	6/6	579	8	FURNACES-SHEAR/BALER EQUIPMNT:TC-150 Baler S/N:746-83	REV	SPECIFIC/USABLE ELSEWHERE	24947	
43709	1/1	623	10	1x60/10 Ton Trolley complete,1xBag Connecting Luqs,2xMale Magnet Cable Connectors	REV	SPECIFIC FOR CRANE	16103	
43709-A	1/1	618	10	"B" girder,Trolley feeder festoon track,7xFestoon Support angles	REV	SPECIFIC FOR CRANE	12701	
43709-B	1/1	624	10	"A" girder complete with electrical control system	REV	SPECIFIC FOR STRUCTURE	13608	
43709-C	1-2/	619	10	Rear platform,Box Trolley Feeder Festoon System complete,10 Ton Aux.Hois Block,Crossover hanurail,reel W	REV	SPECIFIC	1814	
43709-C	3/6	620	10	Right hand end Truck Assembly with Wheels,Axles,bearing,Half Coupling and Bumpers	REV	SPECIFIC FOR MELTING SHOP	2812	
43709-C	4/6	620-	10	Left hand end Truck Assembly with Wheels,Axles,bearing,Half Coupling and Bumpers	REV	SPECIFIC FOR MELTING SHOP	1928	
43709-C	5/6	621	10	Hoist Load Block assembly,Trolley Box 10T,Left End Track	REV	SPECIFIC FOR CRANE	2449	460 Cu.mt 120530 Kg

## 2.0/2.2 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:CONTINUOUS CASTING SYSTEM

PACKING No	SHT.	ITEM	SHPN.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
43204	1/1	260	5	Tundish Slag Boxes	REV	SPECIFIC FOR ELECTRIC FURNACE	2449	
43601	10/1	599	6	Small shield,Lower Mold Cover	REV	SPECIFIC FOR CONTINUOUS CASTER	504	
43601	4/10	593	6	Tundish Stand Frame with 6 adjustment Spindles	REV	SPECIFIC FOR CONTINUOUS CASTER	1125	
43827	1/17	691	7	8xC8011.50,C9013.40,C10015.30	REV	SPECIFIC FOR CONTINUPUS CASTER	307	

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	WEIGHT:	
43827	10/1	700	7	W60150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	146
43827	11/1	701	7	W120400,2xW80310 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	307
43827	12/1	702	7	5xW100220 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	391
43827	13/1	703	7	2xW80350,W80310,W140430 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	211
43827	14/1	704	7	Angle 6x6x3/4" JUDGEMENT:REV	APPLICABILITY:SPECIFIC	559
43827	15/1	705	7	2xW80180,W80150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	174
43827	16/1	706	7	W60150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	252
43827	17/1	707	7	W60150,8xangles JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	229
43827	2/17	692	7	W80180,W120260,2xW120140 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	275
43827	3/17	693	7	W100490 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	707
43827	4/17	694	7	W12022,2xW60150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	336
43827	5/17	695	7	W60150,2xW140260 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	463
43827	6/17	696	7	W80150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	203
43827	7/17	697	7	W60150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	254
43827	8/17	698	7	W60150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	233
43827	9/17	699	7	W80150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	269
43855	1/1	687	7	Spray Chamber Exhaust Fan,Vibratio Base,drives,Motor JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	667
43859	1-2/	708	10	Handrail Section JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2713
43859	10/2	716	10	W140220 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	279
43859	11/2	717	10	5xW60150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	168
43859	12/2	718	10	3/8"Plate JUDGEMENT:REV	APPLICABILITY:SPECIFIC	1859
43859	13/2	719	10	3/8"Plate JUDGEMENT:REV	APPLICABILITY:SPECIFIC	1342
43859	14/2	720	10	W180970,W120260,W140220 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	1186
43859	15/2	721	10	W60150,W100460,W100330,W60150 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	886
43859	16/2	722	10	3xW100330,W100540 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	1376
43859	17/2	723	10	3/8"Plate JUDGEMENT:REV	APPLICABILITY:SPECIFIC	2859

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	WEIGHT:	
43859	18/2	724	10	2xW102540,4x3/4"phi All Thread 6'0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	1015	
43859	19/2	725	10	Angle 3-1/2x2-1/2x1/4" JUDGEMENT:REV APPLICABILITY:SPECIFIC	438	
43859	20/2	726	10	W62150 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	262	
43859	21/2	727	10	8x1"Grating,30xStair treads grating 1" JUDGEMENT:REV APPLICABILITY:SPECIFIC	244	
43859	3/21	709	10	2xW102220,W62150,W82310 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	410	
43859	4/21	710	10	5x8"C211.50,2xW142260,W82310 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	520	
43859	5/21	711	10	W142220 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	1772	
43859	6/21	712	10	2xC10215.30,C628.20,W102190 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	309	
43859	7/21	713	10	W142220,W82310,W62150 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	502	
43859	8/21	714	10	2xW122870,Plate 3/8" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	2428	
43859	9/21	715	10	W142430 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	469	
43904	10/2	737	10	2xW122580,W242840 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	2642	
43904	11/2	738	10	W2121320,W242550 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	2643	
43904	12/2	739	10	3/8" Plate JUDGEMENT:REV APPLICABILITY:SPECIFIC	3255	
43904	13/2	740	10	W102490x16' 7-1/4",W102540x17' 7-1/4" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	875	
43904	14/2	741	10	W2421170,W2421620,W3021730 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	4844	
43904	15/2	742	10	W3021730 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	1366	
43904	16/2	743	10	Angles 4x4x5/16",3x3x1/4",4x3x5/16" JUDGEMENT:REV APPLICABILITY:SPECIFIC	116	
43904	17/2	744	10	3/8" Plate JUDGEMENT:REV APPLICABILITY:SPECIFIC	713	
43904	18/2	745	10	7x3/16Plate,2x3x3x1/4"Angle JUDGEMENT:REV APPLICABILITY:SPECIFIC	634	
43904	19/2	746	10	3/16Plate JUDGEMENT:REV APPLICABILITY:SPECIFIC	259	
43904	20/2	747	10	3/8"Plate JUDGEMENT:REV APPLICABILITY:SPECIFIC	1923	
43904	21/2	748	10	3x3/16"Plate,3x3/8"plate JUDGEMENT:REV APPLICABILITY:SPECIFIC	355	
43904	22/2	749	10	3/16"Plate JUDGEMENT:REV APPLICABILITY:SPECIFIC	590	
43904	23/2	750	10	3/16"Plate JUDGEMENT:REV APPLICABILITY:SPECIFIC	375	
43904	24/2	751	10	W2421170,3xW182760,4x1"Plate JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	1797	

## LIST OF EQUIPMENT NOT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	
43904	25/2	752	10	C4013.80,3x3716*Plate,3/8*Plate,1/4*Plate	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	268
43904	26/2	753	10	4x3/16*Plate,1/8*Plate	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	518
43904	27/2	754	10	W1201700	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	326
43904	28/2	755	10	Plate Beam	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	760
43904	4/28	731	10	Grating	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	172
43904	5/29	732	10	Angle 3-172x2-1/2x1/4	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	259
43904	6/28	733	10	C10*015.30	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	228
43904	7/28	734	10	4x3/8*Plate,4xC8*011.50,12x10ga.plate,2x1*plate	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	222
43904	8/28	735	10	3/8*Plate,3xW60150	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	217
43904	9/28	756	10	W8021018' 8"	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	166
43922	1-4/	757	10	Withdrawal Straightener	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	6350
43941	1-3/	759	10	Mold Oscillator	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	2930 150 Cu.mt 65898 Kg

## 2.0/2.3 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:ROLLING MILL SYSTEM

42832	1/1	25	1	300 Ton Cold Shear	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT:	20836
42843	1/1	26	1	Parts for 300Ton Cold Shear:Flywheel,F1.Sheave,V-Belt match set,Coupling, tapered Keys	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR COLD SHEAR	WEIGHT:	4312
42918	1/9	41	3	300 HP 280mm Finishing Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42918	2/9	42	3	300 HP 280mm Finishing Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42918	3/9	43	3	300 HP 280mm Finishing Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42918	4/9	45	3	300 HP 250mm Rod Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42918	5/9	46	3	300 HP 250mm Rod Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42918	6/9	46	3	300 HP 250mm Finishing Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42918	7/9	47	3	300 HP 250mm Finishing Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42918	8/9	48	3	300 HP 430mm Rough Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42918	9/9	49	3	300 HP 430mm Rough Mill main Drive	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	1297
42936	1/2	76	3	Shear Table Assy 01,18xCradle Assy,Electrical control panel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT:	1794



## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
42936	2/2	77	3	Shear Table Assy #2	REV	SPECIFIC FOR ROLLING MILL	1652	
42940	2/4	79	3	Support-Shim Set-Hex Bolt Nut-LW-(32)	GOOD	SPECIFIC FOR ROLLING MILL	1996	
42969	1/1	151	3	1 Set Guide Piping	REV	SPECIFIC	1061	
42972	1/1	152	3	Pinch Roll unit:15 HP DC Motor 24.0	REV	USABLE ELSEWHERE	1360	
42982	1/3	153	3	Flying Crop Dividing Shear:25 HP Motor,Rotary cam limit Switch	REV	SPECIFIC FOR ROLLING MILL	5792	
42982	3/3	155	3	Crop Chute, Crop Bucket	REV	SPECIFIC	2000	
43066	1/4	161	2	Cooling Bed Runout Table Assy Sec.1,Sec.3	REV	SPECIFIC FOR ROLLING MILL	5280	
43066	2/4	162	2	Cooling Bed Runout Table Assy Sec.5,7x Eccentric Shaft Assy	REV	SPECIFIC FOR ROLLING MILL	6078	
43066	3/4	163	2	Crop Chute/Bar Switch/Elec Motor	REV	SPECIFIC FOR ROLLING MILL/USABLE ELSEWHERE	1202	
43068	1/8	165	2	Model 5CD224TAB15B001 CD508AY 300 HP:430mm Rough Mill Main Drive	REV	SPECIFIC/USABLE ELSEWHERE	1366	
43068	2/8	166	2	Model 5CD224TAB15B001 CD508AY 300 HP:430mm Rough Mill Main Drive	REV	SPECIFIC/USABLE ELSEWHERE	1366	
43068	3/8	167	2	Model 5CD224TAB15B001 CD508AY 300 HP:340mm Intermediate Mill Main Drive	REV	SPECIFIC/USABLE ELSEWHERE	1366	
43068	4/8	168	2	Model 5CD224TAB15B001 CD508AY 300 HP:340mm Intermediate Mill Main Drive	REV	SPECIFIC/USABLE ELSEWHERE	1366	
43069	1/3	176	2	Cooling Bed Shuffle Bar Mechanism	BAD	SPECIFIC FOR ROLLING MILL	4272	
43069	2/3	177	2	4xMotor Bases,Cooling Bed Runout Table Assy Sec.6,6xMotor Plate	REV	SPECIFIC FOR ROLLING MILL	6944	
43073	1/2	179	2	11Pcs. Stationary Notch Bar Assys	REV	SPECIFIC FOR ROLLING MILL	3692	
43073	2/2	180	2	12 Pcs. Upper Movable Beams	REV	SPECIFIC FOR ROLLING MILL	7620	
43074	1/3	181	2	7Pcs. Column	REV	SPECIFIC FOR ROLLING MILL SYSTEM	1769	
43074	2/3	182	2	15Pcs. Stationary Notch Bar Assy's	REV	SPECIFIC FOR ROLLING MILL	5035	
43074	3/3	183	2	15Pcs. Stationary Notch Bar Assy's	REV	SPECIFIC FOR ROLLING MILL	5035	
43075	1/3	184	2	5Pcs. Column	REV	SPECIFIC	1769	
43075	2/3	185	2	15Pcs. Stationary Notch Bar Assy's	REV	SPECIFIC	5035	
43075	3/3	185	2	15Pcs. Stationary Notch Bar Assy's	REV	SPECIFIC	5035	
43081	1/20	190	2	330 KVA Isolation Transformer,600/460/3/50,250mm Mill Main Drive	BAD	USABLE ELSEWHERE	893	
43081	10/2	199	2	330 KVA Isolation Transformer,600/460/3/50,430mm Mill Main Drive	REV	USABLE ELSEWHERE	893	
43081	11/2	200	2	330 KVA Isolation Transformer,600/460/3/50,340mm Mill Main Drive	REV	USABLE ELSEWHERE	893	

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
43081	12/2	201	2	330 KVA Isolation Transformer,600/460/3/50,430mm Mill Main Drive	REV	USABLE ELSEWHERE	893	
43081	13/2	202	2	330 KVA Isolation Transformer,600/460/3/50,430mm Mill Main Drive	BAD	USABLE ELSEWHERE	893	
43081	14/2	203	2	330 KVA Isolation Transformer,600/460/3/50,340mm Mill Main Drive	BAD	USABLE ELSEWHERE	893	
43081	15/2	204	2	330 KVA Isolation Transformer,600/460/3/50,340mm Mill Main Drive	BAD	USABLE ELSEWHERE	893	
43081	18/2	207	2	2x63KVA Isolation Transformer,2x34KVA Isolation Transformer	BAD	USABLE ELSEWHERE	899	
43081	19/2	208	2	3x27KVA Transformer 380/460/3/50,2x20KVA Transformer 380/230/3/50	REV	USABLE ELSEWHERE	937	
43081	3/20	192	2	330 KVA Isolation Transformer,600/460/3/50,250mm Mill Main Drive	BAD	USABLE ELSEWHERE	893	
43081	6/20	195	2	330 KVA Isolation Transformer,600/460/3/50,280mm Mill Main Drive	REV	USABLE ELSEWHERE	893	
43081	7/20	196	2	330 KVA Isolation Transformer,600/460/3/50,430mm Mill Main Drive	REV	USABLE ELSEWHERE	893	
43081	8/20	197	2	330 KVA Isolation Transformer,600/460/3/50,430mm Mill Main Drive	REV	USABLE ELSEWHERE	893	
43081	9/20	198	2	330 KVA Isolation Transformer,600/460/3/50,280mm Mill Main Drive	REV	USABLE ELSEWHERE	893	
43082	1/4	187	2	11xBeams,8xBearing Base,7xBearing Support	REV	SPECIFIC	10773	
43082	2/4	188	2	7xBeam Supports,8xBearing Base	REV	SPECIFIC	1520	
43086	1/3	219	2	70 Pcs.-Moveable Notch Bars	REV	SPECIFIC	8913	
43086	2/3	220	2	12xLower Moving Beams	REV	SPECIFIC	4093	
43086	3/3	221	2	5xStationary Beam	REV	SPECIFIC	2654	
43088	1/2	222	2	Hydr.Crop shear,Fce Delivey Table,340mm Entry Table,430mm Entry Table	BAD	SPECIFIC FOR ROLLING MILL	7374	
43088	2/2	223	2	Flying Crop Cobble Shear,Hydraulic Pump unit	REV		4988	
43089	1/3	226	2	Drive Assy complete w/Motors and Drive	REV	USABLE ELSEWHERE	6350	
43089	3/3	228	2	3xGirder Assy,Limit Switch Box	REV	SPECIFIC FOR ROLLING MILL	5565	
43090	1/2	224	2	Shaft Assy w.bearing and Eccentric	REV	SPECIFIC FOR ROLLING MILL	9526	
43090	2/2	225	2	Shaft Assy w.bearing and Eccentric	REV	SPECIFIC FOR ROLLING MILL	8165	
43096	1/3	231	2	3xBeam for Cooling Bed running Table and Kickoff	REV	SPECIFIC	5402	
43096	2/3	232	2	2xGirder Assy's,2xTrough,Guide Pipe	REV	SPECIFIC FOR ROLLING MILL	4694	
43096	3/3	233	2	Pinch Roll Unit,Guide Pipe,Pressure Gauge,Water Sphere Valve,...	BAD	SPECIFIC FOR ROLLING MILL	2281	
43097	1/3	234	2	Beam,Girder Assy,2xCooling Box Assy,3xColumn For Cooling Bed Running Table	REV	SPECIFIC	7502	

LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No SHT. ITEM SHPN. DESCRIPTION

43097	2/3	235	2	Table Girder,5xKickoff Shaft Assy's JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT: 7389
43097	3/3	236	2	Pumping Unit,6xMotors 1888,36 Hex Bolts,Stop,AC Motor JUDGEMENT:REV APPLICABILITY:	WEIGHT: 2998
43217	1/1	250	5	Drive base Assy,Cover,Oil Lube System,loop Layer Pinch Roll & Laying Head Drive DC Shunt Motors(15HP&20H JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 8790
43278	1/1	261	5	Rolling Mill machinery:Bar & Rod Mill Fans for Loop Conveyor JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 1746
43437	1/3	476	6	Operator Desks:Rod Mill,Bar Mill,Flying Crop Cobble Shear,Coil Handling System,Hydraulic Shear,RM LubeHy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 1588
43527	2/2	534	6	Combination Drive (Half Coupling,Tach.Generator,Tach.coupling) JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 6804
43528	1/2	535	6	Combination Drive (Half Coupling,Tach.Generator,Tach.coupling) JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 6804
43529	1/3	537	6	Bar and Rod Mill-430mm Horizontal Roughing Mills:Housings,Water Piping,Shimssets,Guide,Entry Boxes JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 15535
43529	2/3	539	6	Base and Motor Base Assmbly for Mills#1#2#3#4 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 5792
43529	3/3	538	6	Bar and Rod Mill-430mm Horizontal Roughing Mills:Spindle,Coupling,spindle Support JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 1923
43553	1/1	547	6	8xChock assy,8xGear Mill Spindle Assy,2xRoller Twist guide Assy,2xDelivery Box JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 12792
43662	1/1	607	6	Intermediate Stands #5 to #10:Bracket,Shoeplate,Bolts,Gasket,Cover.. JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 24381
43671	2/2	611	6	340mm Vertical intermediate Mill(#9 Stand),Box,4xTimken Bearings,Spindles and Couplings,Comb.Drive and P JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 8632
43672	1/2	608	6	340mm Vertical intermediate Mill(#5 Stand),Box,4xTimken Bearings,Spindles and Couplings,Comb.Drive and P JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 8632
43672	2/2	609	6	340mm Vertical intermediate Mill(#7 Stand),Box,4xTimken Bearings,Spindles and Couplings,Comb.Drive and P JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 8632
43673	2/2	613	6	340mm Vertical intermediate Mill(#10 Stand),Box,Spindles and Couplings,Comb.Drive and Pinion Stand JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 8804
43715	1-2/	625	9	Rolling Mill Machinery-340mm Horizontal Intermediate Mills #5,#7,#9 Components JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILLS #5,7,..	WEIGHT: 3887
43743	1/1	673	9	Rolling Mill Machinery-280mm Finishing Mill #11 to #18:8xHousings,8xSpindles,Base Plate,7xGear coupling, JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT: 44495
43858	1/1	688	9	Rolling Mill Machinery-Bar & Rod Mill-H...al Mill Housing Assmbly,entry Guide,Delivery Guides,Base JUDGEMENT:REV APPLICABILITY:SPECIF. REHEAT FURNACE	WEIGHT: 14356 909 Cu. wt 413046 Kg

2.0/2.4 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:MISCELLANEOUS

43348	3/4	263	5	Water cooled Electric arc Furnace Cables JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT: 874
43348	4/4	270	5	Set of Burners for Reheat Furnace JUDGEMENT:REV APPLICABILITY:	WEIGHT: 363
43357	1/5	268	5	Spare Fan-Combustio Blower without Motor at 11500 CFM JUDGEMENT:REV APPLICABILITY:	WEIGHT: 1204
43357	2/5	269	5	Spare Filter for combustion Blower JUDGEMENT:BAD APPLICABILITY:	WEIGHT: 220 19 Cu. wt 2661 Kg

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPH. DESCRIPTION

PACKING No	SHT.	ITEM SHPH.	DESCRIPTION	WEIGHT:
3.0/3.1 INDUSTRIAL FURNACES AND OVENS AND SERVICES:ELECTRIC FURNACE SYSTEM				
42756	1/12	1	Suspension Beam assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1043
42756	10/1	11	Bumper Block Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1007
42756	11/1	12	Water Bosh assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	680
42756	12/1	13	Superstructure Support Brkt assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	6623
42756	2/12	2	Suspension Beam assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1043
42756	3/12	3	Electrode Column assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1442
42756	4/11	4	Electrode Column assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1442
42756	5/11	5	Electrode Column assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1442
42756	6/11	6	Pedestal assys JUDGEMENT:REV APPLICABILITY:SPECIFIC	1905
42756	8/12	9	EF Materials & components:Roof suspension pins,Roof Suspension Bar,Door retainers JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1406
42756	9/12	10	Bumper Block Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1007
42817	1/11	14	EF Materials & Components:Run Housing,Roller Frame,adjustment Leg.. JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	2041
42817	10/1	23	Tapping Spout walkway Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	272
42817	11/1	24	Tilt Cylinder and Piston Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	2132
42817	2/11	15	Column Side rocker Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	4990
42817	3/11	16	Foundry Side Rocker Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1406
42817	4/11	17	Slag Side Beam Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1270
42817	5/11	18	Spout Side Beam Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	1814
42817	6/11	19	Deck Plate and Framing Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	953
42817	7/11	20	8xDeck Plate Assy's,Access Cover,Side Plates,Tapping Spout Handrail,Hex Bolts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	2300
42817	9/11	22	Tapping Spout walkway Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	272
42989	1/2	8	2 Roof Ring Assys (joined together) JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	4309
42989	2/2	82	2 Furnace shell Assy JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	12928
43060	1-4/	157	2 Electric Furnace Equipment and components JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR FURNACE	1939
43060	5/6	156	2 Hydraulic Roof lift Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR FURNACE	10342

## LIST OF EQUIPMENT NOT CONTAINED: RIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

43094	3/5	173	2	A Phase electrode Arm Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	2404
43094	4/5	174	2	C Phase electrode Arm Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	2449
43094	5/5	175	2	B Phase electrode Arm Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	2568
43108	1/3	242	5	Transformer (ZHS8082) JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	50122
43348	2/4	271	5	Hydr.Cyl,Walkway ext.Beam,2xSwing Cyl.,Guide Pin JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1588
43649	1/8	580	6	EF Electric Components JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE ELECTRIC SYSTE	WEIGHT:	1157
43649	2/8	581	6	EF Electric Components,Sylvania Insulation Transformer, Disc.Switch.34.5KV 600A JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	919
43649	3/8	583	6	:6xPipe 1/2",2xDisconnect Switch Operating Rods JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	114
43758	1/11	650	9	FURNACES:Walkway Platform,7xHandrail,2xLadder Assys,Ladder Cage Assy,suspension Beam Tie Beam JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT:	1089
43758	2/11	651	9	FURNACES-4xWalkway mounting Posts,6xmounting Brackets,2xBeam end Posts,2xbeam support brkt,18 hex bolts JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT:	789
43784	2/2	656	9	FURNACES-Electric Furnaces Bronze (Clamp,Studs..) and Electric Components(Switchers,..) JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1896
43811	1/2	658	9	FURNACES-Regulator Panel JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	635
43811	1/2	659	9	FURNACES-Furnace Control Panel,Roof stand Control Station,Tilt Stand Control Station JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE ELECTRIC SYS	WEIGHT:	680
					333 Cu.mt	132418 Kg

## 3.0/3.2 INDUSTRIAL FURNACES AND OVENS AND SERVICES:REHEAT FURNACE SYSTEM

43060	6/6	158	2	Billet Reheat Fce. collector flue Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1996
43094	1/5	229	2	Robinson Air Fan w.Coupling,Coupling Guard,75HP Motor JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHER	WEIGHT:	1778
43484	1/5	529	6	Lower Furnace Stack Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	2495
43484	2/5	530	6	Middle Furnace Stack Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1814
43484	3/5	532	6	Bloom Air Gas Oil Burner JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1270
43569	1/4	548	6	Billet Reheat Furnace Stack Including cap Damper assy and Clamp damp JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	2722
43569	2/4	549	6	Counterweight Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1406
43569	3/4	550	6	Billet Reheat FCE.Stack Support Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	3175
43569	4/4	551	6	Billet Fce.Components JUDGEMENT:BAD APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1134
43609	2/8	585	6	Billet Feed Table Assy JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1226
43609	4/8	587	6	Pusher Table Skid Bars,Pusher Table Ext.Inc.Wheels JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	2948

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT
43609	6/2	589	6 Fce Components	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 2722
43649	4/8	602	6 Reheat Fce Components	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 1429
43649	5/8	603	6 Platform Loading Frame Assy	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 272
43649	7/8	605	6 Side Panel Assy	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR FURNACE	WEIGHT: 2223
43649	8/8	606	6 Roof Panel,Girder	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR FEHEAT FURNACE	WEIGHT: 3357
43682	1/3	614	9 FURNACES-2xSide Panel Assy "C",2xSide Panel Assy "A"	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 3901
43682	2/3	615	9 FURNACES-8xPlatform Panels,2xPlenum support Assy,4xWalkway Panels Assy	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 5126
43682	3/3	616	9 FURNACES-2xRoof Panels,Nose Beam Assy,2xLintel Assy	JUDGEMENT:BAD	APPLICABILITY:SPECIFIC	WEIGHT: 3856
43721	2/3	627	9 FURNACES-Hearth Panels	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 8732
43721	3/3	628	9 FURNACES-Peel Bar Mechanism Assy,2xPeel bar Charriage Support	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 3606
43722	1/5	630	9 FURNACES-Walking Beam Laydown Table Assy,5xPilot Piping assy,Screw Zone Oil Piping Assy,Soak zone Oil P	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 4400
43758	3/11	646	9 FURNACES-2xReheat Fce Side Panel,Walkway Panel,4xWalkway Stair Assy,2xPlatform Stair assy	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 3992
43758	4/11	647	9 FURNACES-Fce Burner wall Assy,2xSide Panel Assy,Stair Heat Shield,ladder Heat shield,Walkway support brt	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 5806
43783	2/3	654	9 FURNACES-Fce. Stack support frame,Peel Bar Assy	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 3538
43949	1/1	760	10 Electrical Equipment-Motor control Center	JUDGEMENT:BAD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT: 1212 336 Cu. wt 76136 kg

## 4.0/4.1 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MELT SHOP ELECTRICS

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT
43742	1/15	797	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 316
43742	10/1	805	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 467
43742	11/1	806	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 924
43742	12/1	807	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 924
43742	13/1	808	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 227
43742	14/1	809	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 406
43742	15/1	810	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 1847
43742	2/15	796	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 145
43742	3/15	799	7 LOT Hot Dip galvanized Structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT: 572

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
43742	4/15	800 7	LOT Hot Dip galvanized Structural Steel	REV	SPECIFIC	177	
43742	6/15	801 7	LOT Hot Dip galvanized Structural Steel	REV	SPECIFIC	107	
43742	7/15	802 7	LOT Hot Dip galvanized Structural Steel	REV	SPECIFIC	211	
43742	8/15	803 7	LOT Hot Dip galvanized Structural Steel	REV	SPECIFIC	366	
43742	9/15	804 7	LOT Hot Dip galvanized Structural Steel	REV	SPECIFIC	313	
43815	1/1	911 7	Indoor Control Panel(Relays,Switches,Lights,Ameters,Capcitors..)	BAD	SPECIFIC	463	
43934	1/2	1107 11	Circuit Breaker:1xFKA-38-22000-6R Oil Circuit breaker(less oil) 1XCase of accessories	REV	SPECIFIC FOR MELT SHOP	1697	
43934	2/2	1107 11	Circuit Breaker:1xFKA-38-22000-6R Oil Circuit breaker(less oil) 1XCase of accessories	REV	SPECIFIC FOR MELT SHOP	1697	
						49 Cu.mt	10859 Kg

## 4.0/4.2 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:ROLLING MILL ELECTRIC SYSTEM

43947	2/2	1132 11	400 V and 600 V unit substation parts: 3000 KVA Transformer	REV	SPECIFIC FOR ROLING MILL ELECTRIC SYSTEM,U	7770	
						25 Cu.mt	7770 Kg

## 4.0/4.3 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:UTILITY ELECTRIC SYSTEM

43374	1/2	372 5	Cummins Diesel generator Set 550KW Standby/Continuous,46xMaterials & Components	REV	USABLE ELSEWHER	6446	
43593	1/1	1126 11	MOTOR CONTROL EQUIPMENT:Motor Control Center sections 1 thr 5 and Instruction Manuals	BAD	SPECIFIC	1247	
43596	1/1	1120 11	CASTER ELECTRICS:MOTOR CONTROL CENTERS-SECTIONS 1 THR 5 AND INSTRUCTION MANUALS	BAD	SPECIFIC FOR CONTINUOUS CASTER ELECTRIC SY	2339	
43782	1-2/	657 9	FURNACE-Emergency Generator Parts:230KW Standby Generator,Make Cummins Eqnine,Transfer Switch,Battery Ch	REV	USABLE ELSEWHERE	4087	
						57 Cu.mt	14119 Kg

## 5.0/5.1 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:GAS CLEANING SYSTEM

43887	1/1	1031 11	I.D.FAN SPARE PARTS-600 RTF SWS1 Rotary Blower-steel: Coupling Guard, Bearing Pedestal, Bearing and coup	REV	SPECIFIC FOR FAN	4910	
						33 Cu.mt	4910 Kg

## 5.0/5.3 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MOBILE EQUIPMENT

42880	1/1	28 3	Clark Fork truck C500-75200D	REV	USABLE ELSEWHERE	14896	
42881	1/1	27 3	Clark Fork truck C500-Y5200D	REV	USABLE ELSEWHERE	14896	
42882	1/1	29 3	Clark Fork truck C500-Y5200D	REV	USABLE ELSEWHERE	14896	
42883	1/1	30 3	Clark Fork truck C500-Y5200D	REV	USABLE ELSEWHERE	14896	

LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No SHT. ITEM SHPN. DESCRIPTION

42963	1/1	147	3	655 John Deere Crawler Loader JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	13966
43053	1/1	159	2	1100 AI-JON Hidrostatic Loader w/Engine Puller,Fork Assy,435 T,... JUDGEMENT:REV APPLICABILITY:USABLE	WEIGHT:	14074
43214	1/2	248	5	Clark fork Truck JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	5080
43214	2/2	249	5	Clark fork Truck JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	5080
43566	6/6	563	6	Step Weldment,Platform,ladder JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT: 273 Cu.mt	91 97875 Kg

5.0/5.4 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MISCELLANEOUS

42892	1/2	31	3	560 Cu.Ft. Scrap Bucket JUDGEMENT:GOOD APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	7248
42892	2/2	32	3	560 Cu.Ft. Scrap Bucket JUDGEMENT:GOOD APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	7248
42893	1/3	33	3	560 Cu.Ft. Scrap Bucket JUDGEMENT:GOOD APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	7248
43933	1/1	758	10	Flash Floc Tank per Drawings N-23686-A and N-4261-K JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT: 207 Cu.mt	6093 27837 Kg
					3779 Cu.mt	1419421 Kg



## LIST OF EQUIPMENT NOT CONTAINTRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SMT. ITEM SWPH. DESCRIPTION

## 1.0/1.1 STRUCTURAL STEEL AND PRE-FABRICATED BUILDINGS AND SERVICES:MILL BUILDING SYSTEMS

43998	1/13	781	11	Pre-Engineered Buildings:Rafters JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	256
43998	10/1	788	11	Pre-Engineered Buildings:Cables, Panels JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	616
43998	11/1	789	11	Pre-Engineered Buildings:Rafters JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	285
43998	12/1	790	11	Pre-Engineered Buildings:Sheeting Panels JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	410
43998	13/1	791	11	Pre-Engineered Buildings:Columns, Braces JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	478
43998	2/13	782	11	Pre-Engineered Buildings:Rafters JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	250
43998	3/13	783	11	Pre-Engineered Buildings:Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	477
43998	5/13	785	11	Pre-Engineered Buildings:2's JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	464
43998	5-8/	786	11	Pre-Engineered Buildings:Nuts, Bolts, Washers, Screws, Plates, Panels.. JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	304
43998	6-8/	786	11	Pre-Engineered Buildings:Nuts, Bolts, Washers, Screws, Plates, Panels.. JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	304
43998	6-8/	786	11	Pre-Engineered Buildings:Nuts, Bolts, Washers, Screws, Plates, Panels.. JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	304
43998	9/13	787	11	Pre-Engineered Buildings:Struts, Channels, Angles.. JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	732
44029	1/16	845	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	1102
44029	10/1	854	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	1200
44029	11/1	855	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	2090
44029	12/1	856	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	1226
44029	13/1	857	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	1306
44029	14/1	858	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	514
44029	15/1	859	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	513
44029	16/1	860	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	4373
44029	2/16	846	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	1709
44029	3/16	847	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	3413
44029	4/16	848	10	Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	1599
44029	5/16	849	10	2C17 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	425
44029	6/16	850	10	Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	WEIGHT:	426

## LIST OF EQUIPMENT NOT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	WEIGHT:
44029	7/16	851	10	Beans JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	567
44029	8/16	852	10	Beans JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	549
44029	9/16	853	10	4xColumns,3xBeans JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	286
44032	1/26	813	10	MK EC3 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1633
44032	10/2	822	10	Pipe 8" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	259
44032	11/2	823	10	Pipe 8" Sch 40x12'-9-3/4" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	166
44032	12/2	824	10	Pipe 12" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	450
44032	13/2	825	10	Pipe 12" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	450
44032	14/2	826	10	Pipe 12" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	450
44032	15/2	827	10	Pipe 12" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	450
44032	16/2	828	10	12" Sch 40x6'-11 1/4" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	159
44032	17/2	829	10	18" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	641
44032	18/2	830	10	18" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	641
44032	19/2	831	10	18" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	641
44032	2/26	814	10	5xMK CA1,MK CA2,MK CA5,14xMK CA6 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1814
44032	20/2	832	10	18" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	641
44032	21/2	833	10	18" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	641
44032	22/2	834	10	18" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	641
44032	23/2	835	10	18" Sch 40x14'-6" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	465
44032	24/2	836	10	6" Sch 40x20'-0" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	181
44032	25/2	837	10	6" Sch 40x7'-6" JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	181
44032	3/26	815	10	MK EP1,MK EP2,5xMK EP4 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	590
44032	4/26	816	10	MK EC2 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	454
44032	5/26	817	10	MK EC1 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	817
44032	6/26	818	10	MK EC1 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	590
44032	7/26	819	10	MK LS1 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	227

## LIST OF EQUIPMENT NOT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION		WEIGHT:
44032	8/26	820	10	12x6S1,2x6S2 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	272
44032	9/26	821	10	8xEP8,2xPS1,2xPS3,6xPS4,PS8,PS10,2x8"-90o-L.R.Elbows JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	363
44043	1/21	864	10	Beam JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	1527
44043	10/2	873	10	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	416
44043	11/2	874	10	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	191
44043	12/2	875	10	Platform JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	1067
44043	13/2	876	10	ladder JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	59
44043	14/2	877	10	Angles JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	249
44043	15/2	878	10	Roof Panel JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	215
44043	16/2	879	10	Roof Panel JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	215
44043	17/2	880	10	Roof Panel JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	215
44043	18/2	881	10	Beam JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	165
44043	19/2	882	10	Platform JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	1566
44043	2/21	865	10	Beam JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	1905
44043	20/2	883	10	Beam JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	1327
44043	21/2	884	10	4" Shedule Pipe JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	969
44043	3/21	866	10	2xState Stringer,4xChannels JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	499
44043	4/21	867	10	Handrail Posts JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	37
44043	5/21	868	10	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	611
44043	6/21	869	10	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	597
44043	7/21	870	10	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	571
44043	8/21	871	10	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	572
44043	9/21	872	10	Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	610
44043-A	1/9	885	11	Fabrication and Structural Steels:1xDuct section JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	492
44043-A	4/9	888	11	Fabrication and Structural Steels:1xDuct Work JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	498
44043-A	5/9	889	11	Fabrication and Structural Steels:1xDuct Work JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR STRUCTURE	2108

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	WEIGHT:	
44043-A	6/9	890	11	Fabrication and Structural Steels:1x Duct Work JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	2494	
44043-A	7/9	891	11	Fabrication and Structural Steels:Slide Saddles JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	204	
44043-A	8/9	894	11	Fabrication and Structural Steels:Flange JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	90	
44043-A	9/9	895	11	Fabrication and Structural Steels:Drum,Gaskets,Bolts,Nuts,Washers JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	45	
44044	1/15	896	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	907	
44044	10/1	905	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	680	
44044	11/1	906	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	362	
44044	12/1	907	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	181	
44044	13/1	908	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	136	
44044	14/1	909	10	Pieces Angle JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	62	
44044	15/1	910	10	Pieces Mesh JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	63	
44044	2/15	897	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	816	
44044	3/15	898	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	634	
44044	4/15	899	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	354	
44044	5/15	900	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	680	
44044	6/15	901	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	226	
44044	7/15	902	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	317	
44044	8/15	903	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	725	
44044	9/15	904	10	Pieces Decking JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	793	
44078	1/40	963	11	Fabrication and Structural Steels:Duct JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	295	
44078	10/4	972	11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	83	
44078	11/4	973	11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	773	
44078	12/4	974	11	Fabrication and Structural Steels:Stair Treads JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	45	
44078	13/4	975	11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	296	
44078	14/4	976	11	Fabrication and Structural Steels:Stair Treads JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	235	
44078	15/4	977	11	Fabrication and Structural Steels:Stair Treads JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	290	

## TEAM GROUP ASSESSEMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	WEIGHT:	
44078	16/4	978 11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1176	
44078	17/4	979 11	Fabrication and Structural Steels:Stair Treads JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	291	
44078	18/4	980 11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	210	
44078	19/4	981 11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	718	
44078	19/4	991 11	Fabrication and Structural Steels:Handrail Posts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	719	
44078	2/40	964 11	Fabrication and Structural Steels:Duct JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	113	
44078	20/4	982 11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	132	
44078	21/4	983 11	Fabrication and Structural Steels:Stair Treads JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	205	
44078	22/4	984 11	Fabrication and Structural Steels:5xSupport,ladder JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1479	
44078	23/4	985 11	Fabrication and Structural Steels:Angles,Supports,Diagonal JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1705	
44078	24/4	986 11	Fabrication and Structural Steels:Angles,Supports,Diagonal,Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	998	
44078	25/4	987 11	Fabrication and Structural Steels:Stair Stringer JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	264	
44078	26/4	988 11	Fabrication and Structural Steels:6xBeams,4xColumns,4xPosts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	4448	
44078	27/4	989 11	Fabrication and Structural Steels:3xBeams,7xPosts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1206	
44078	28/4	990 11	Fabrication and Structural Steels:9xBeams,5xsupports JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	538	
44078	3/40	965 11	Fabrication and Structural Steels:Duct JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	431	
44078	30/4	992 11	Fabrication and Structural Steels:8xStair Stringer,3xBeams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	571	
44078	31/4	993 11	Fabrication and Structural Steels:4xColumns,10xBeams,Support JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1011	
44078	32/4	994 11	Fabrication and Structural Steels:4xChequered Plate,2xFloor Plate,5xBeams,Chute,,Diverter,4xStair Strin JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	3217	
44078	33/4	995 11	Fabrication and Structural Steels:Bars JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	381	
44078	34/4	996 11	Fabrication and Structural Steels:8xSupport,5xBeams,Channel JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	725	
44078	35/4	997 11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	447	
44078	36/4	998 11	Fabrication and Structural Steels:Stair Stringer JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	365	
44078	37/4	999 11	Fabrication and Structural Steels:Pcs.Toe Plate (300'-0") JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	693	
44078	38/4	1000 11	Fabrication and Structural Steels:Rods (900') JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1090	
44078	39/4	1001 11	Fabrication and Structural Steels:Stair Stringer JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	188	

## TEAM GROUP ASSESSEMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	WEIGHT:	
44078	4/40	966 11	Fabrication and Structural Steels:8xAngles,4xRods,28xHex Bolts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	68	
44078	40/4	1002 11	Fabrication and Structural Steels:12xSupports,4xangles,Channel JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	186	
44078	5/40	967 11	Fabrication and Structural Steels:Stair Treads JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	54	
44078	6/40	968 11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	375	
44078	7/40	969 11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	410	
44078	8/40	970 11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	688	
44078	9/40	971 11	Fabrication and Structural Steels:Gratings JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	923	
44079	1/9	1003 11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1800	
44079	2/9	1004 11	Fabrication and Structural Steels:Bin Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	201	
44079	3/9	1005 11	Fabrication and Structural Steels:Bin Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	201	
44079	4/9	1006 11	Fabrication and Structural Steels:4xBin Columns,Column JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	279	
44079	5/9	1007 11	Fabrication and Structural Steels:Column JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1246	
44079	6/9	1008 11	Fabrication and Structural Steels:6xBeams,Bracing Assembly and Panel,Knee Braces,2xAngles,2xDiagonals JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1224	
44079	7/9	1009 11	Fabrication and Structural Steels:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	493	
44079	8/9	1010 11	Fabrication and Structural Steels:Beam JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	947	
44079	9/9	1011 11	Fabrication and Structural Steels:Column JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1435	
44091	1-2/	1012 11	Fabrication of Structural Steels:14xBeams,16xRail Posts,17xRailing,3xPlates,3xRounds JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	3664	
44091	10/2	1019 11	Fabrication of Structural Steels:3xLadder JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	470	
44091	11/2	1020 11	Fabrication of Structural Steels:2xBeams,4xPosts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1166	
44091	12/2	1021 11	Fabrication of Structural Steels:Diagonals JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	950	
44091	13/2	1022 11	Fabrication of Structural Steels:Diagonals JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	468	
44091	14/2	1023 11	Fabrication of Structural Steels:Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	538	
44091	15/2	1024 11	Fabrication of Structural Steels:Ladder, stair Stringer JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	347	
44091	16/2	1025 11	Fabrication of Structural Steels:4xBeams,3xColumns,2xChannels JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	576	
44091	17/2	1026 11	Fabrication of Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1937	
44091	18/2	1027 11	Fabrication of Structural Steels:6xBeams,Channel JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	283	

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	WEIGHT:	
44091	19/2	1028 11	Fabrication of Structural Steels:3xBeams,2xChannel JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	199	
44091	20/2	1029 11	Fabrication of Structural Steels:12xBeams,19xBearing Plates JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1074	
44091	3-4/	1013 11	Fabrication of Structural Steels:31xBeams,4xChannels,4xH.R.posts,Stai Sringer,16xRail Posts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	2772	
44091	5/20	1014 11	Fabrication of Structural Steels:10xBeams,3xChannels,2xAngles JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1463	
44091	6/20	1015 11	Fabrication of Structural Steels:4xBeams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	756	
44091	7/20	1016 11	Fabrication of Structural Steels:8xBeams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	886	
44091	8/20	1017 11	Fabrication of Structural Steels:10xBeams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	347	
44091	9/20	1018 11	Fabrication of Structural Steels:18xDiagonalz,4xAngles JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	92	
44123	1/13	1039 11	Fabrication of Structural Steels:3xHandrails posts,3xStringer,3xChannel,2xBeams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1836	
44123	10/1	1048 11	Fabrication of Structural Steels:Platform Frame JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	162	
44123	11/1	1049 11	Fabrication of Structural Steels:Beam,2xStand JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1636	
44123	12/1	1050 11	Fabrication of Structural Steels:2xBeam JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	671	
44123	13/1	1051 11	Fabrication of Structural Steels:Angle JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	599	
44123	2/13	1040 11	Fabrication of Structural Steels:3XBeams,Bracing assembly JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	670	
44123	3/13	1041 11	Fabrication of Structural Steels:8xBracing Panels JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	888	
44123	4/13	1042 11	Fabrication of Structural Steels:2xBeams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	954	
44123	5/13	1043 11	Fabrication of Structural Steels:5xBin Plates JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	689	
44123	6/13	1044 11	Fabrication of Structural Steels:Beam,5xStair Stringer JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	1097	
44123	7/13	1045 11	Fabrication of Structural Steels:3xBeam JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	487	
44123	8/13	1046 11	Fabrication of Structural Steels:Column JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	272	
44123	9/13	1047 11	Fabrication of Structural Steels:2xBeams,2xBracket,Column JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR STRUCTURE	595	
44364	2/7	343 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2722	
44364	3/7	344 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2619	
44364	4/7	345 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2930	
44364	5/7	346 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2968	
44364	6/7	347 7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2514	

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPH.	DESCRIPTION	WEIGHT:	
44364	7/7	348	7	PRE-ENGINEERED BUILDINGS:RF Columns JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2164	
44365	1/7	349	7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2547	
44365	2/7	350	7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2891	
44365	3/7	351	7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2710	
44365	4/7	352	7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2891	
44365	5/7	353	7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	1499	
44365	6/7	354	7	PRE-ENGINEERED BUILDINGS:WG JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	1499	
44365	7/7	355	7	PRE-ENGINEERED BUILDINGS:Rf Columns JUDGEMENT:BAD APPLICABILITY:USABLE ELSEWHERE	2364	394 Cu.at 163268 Kg

## 2.0/1.1 STRUCTURAL STEELS AND PREFABRICATED BUILDINGS AND SERVICES:MILL BUILDING SYSTEMS

44055	1/24	913	11	Fabrication and Structural Steels:Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	947	
44055	10/2	922	11	Fabrication and Structural Steels:Column JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	734	
44055	11/2	923	11	Fabrication and Structural Steels:Column JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	1618	
44055	12/2	924	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	246	
44055	13/2	925	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	103	
44055	14/2	926	11	Fabrication and Structural Steels:Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	187	
44055	15/2	927	11	Fabrication and Structural Steels:Checkered Plate JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	1395	
44055	16/2	928	11	Fabrication and Structural Steels:3xBeams,2xChannels JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	102	
44055	17/2	929	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	127	
44055	18/2	930	11	Fabrication and Structural Steels:6xBeams,1xChannel JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	272	
44055	19/2	931	11	Fabrication and Structural Steels:4xPosts,2xColumns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	218	
44055	2/24	914	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	151	
44055	20/2	932	11	Fabrication and Structural Steels:1xChannel,4xBeams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	342	
44055	21/2	933	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	359	
44055	22/2	934	11	Fabrication and Structural Steels:4xBeams,1xAngle JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	205	
44055	23/2	935	11	Fabrication and Structural Steels:Bin Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	201	



TEAM GROUP ASSESMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No SHT. ITEN SHPN. DESCRIPTION

PACKING No	SHT.	ITEN	SHPN.	DESCRIPTION	WEIGHT:	
44055	24/2	936	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	201	
44055	3/24	915	11	Fabrication and Structural Steels:Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	1441	
44055	4/24	916	11	Fabrication and Structural Steels:Bin Plates JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	2257	
44055	5/24	917	11	Fabrication and Structural Steels:Bin Columns JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	313	
44055	6/24	918	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	589	
44055	7/24	919	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	825	
44055	8/24	920	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	825	
44055	9/24	921	11	Fabrication and Structural Steels:Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MILL BUILDING SYSTEM	825	19 Cu.mt 14483 Kg

2.0/2.1 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:OVERHEAD CRANE HANDLING SYSTEM

43968	1/4	475	7	Ladle Preheat Station JUDGEMENT:REV APPLICABILITY:USABLE IN OTHER MELTING SHOPS	3515	
43968	2/4	476	7	Ladle Preheat Station JUDGEMENT:REV APPLICABILITY:USABLE IN OTHER MELTING SHOPS	3515	
43968	3/4	477	7	Ladle Stand JUDGEMENT:REV APPLICABILITY:USABLE IN OTHER MELTING SHOPS	1315	
43968	4/4	478	7	Ladle Stand JUDGEMENT:REV APPLICABILITY:USABLE IN OTHER MELTING SHOPS	1315	
43980	3/9	1058	11	SHOP CRANE:1x5 TON Capacity Overhead Cranes:50' Serial#830338-1nwith 1 Ton Wall Bracket Jib Serial#830338 JUDGEMENT:REV APPLICABILITY:SPECIFIC	5171	
43980	4/9	1059	11	SHOP CRANE:Runway Beams 2x50'-0,2x48'-3",2x27'-3"Long JUDGEMENT:REV APPLICABILITY:SPECIFIC	7514	
43980	5/9	1060	11	SHOP CRANE:5 Ton Masr assembly for Jib Crane Serial#830338-3 JUDGEMENT:REV APPLICABILITY:SPECIFIC	1818	
43980	6/9	1061	11	SHOP CRANE:5 Ton Asseebly for Jib Crane Serial #830338-3 JUDGEMENT:REV APPLICABILITY:SPECIFIC	1043	
43980	7/9	1139	11	SHOP CRANE:Runway Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC	3265	
43980	8/9	1140	11	SHOP CRANE:Runway Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC	3265	
43980	9/9	1141	11	SHOP CRANE:Runway Beams JUDGEMENT:REV APPLICABILITY:SPECIFIC	3265	
44112	1-2/	1123	11	Crane Parts:Main Hoist Moto:,Auxiliary Hoist Motor... JUDGEMENT:REV APPLICABILITY:SPECIFIC	2626	246 Cu.mt 37627 Kg

2.0/2.2 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SYSTEMS:CONTINUOUS CASTING SYSTEM

43951	1-2/	761	10	STARTER BAR STORAGE #46 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	4030	
43952	1-2/	763	10	RUN OUT TABLE #55,FIXED STOP #57 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	2734	

## TEAM GROUP ASSESSMENT OF MIN: MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
43952	3-4/	764 10	RUN OUT TABLE #55,PNEUMATIC PIPING #74	REV	SPECIFIC FOR CONTINUOUS CASTER	2258	
43962	1/1	774 10	Hydr. Lub.Station (R330-F-609MT-1462M(2)FPC70wV YR936 & CERTIFIED DRAWINGS	GOOD	SPECIFIC FOR CONTINUOUS CASTER	2267	85 Cu.mt 11289 Kg
2.0/2.3 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SYSTEMS:ROLLING MILL SYSTEM							
44035	1/1	939 10	Model 5CB224TAB15B003 CD508AY 300 hp 430mm Rough mill Main Drive	REV	SPECIFIC FOR ROLLING MILL/USABLE ELSEWER	1366	2 Cu.mt 1366 Kg
3.0/3.2 INDUSTRIAL FURNACES AND OVENS AND SERVICES:REHEAT FURNACE SYSTEM							
43961	1/2	772 10	Instrument Panel	BAD	SPECIFIC FOR REHEAT FURNACE	408	
43961	2/2	773 10	Flame safety Panel,Peel bar console Panel,Pusher Console Panel	REV	SPECIFIC FOR REHEAT FURNACE	261	5 Cu.mt 669 Kg
4.0/4.1 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MELT SHOP ELECTRIC SYSTEM							
43983	2/2	1137 11	CASTER ELECTRIC PARTS:2x SHP Speed Stat VI,230V Mold Oscillator,2x6.E.,Type DB-40 Mold Oscillator Speed	REV	SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	318	
43990	2/4	1032 11	KV Main Substation:Capacitor Racks with Capacitors	BAD	SPECIFIC	1524	
43990	3/4	1033 11	KV Main Substation:Capacitor Racks with Capacitors	BAD	SPECIFIC	1524	
44061	2/2	957 10	3x1/c 350 MCM (Triplexed) Electrical Cable	BAD	SCRAP	2549	34 Cu.mt 5916 Kg
4.0/4.2 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:ROLLING MILL ELECTRIC SYSTEM							
44025	1/5	1062 11	A.C.Unit Substation:400V SWITCHBOARD No.1-PART 1	REV	SPECIFIC	1134	
44025	2/5	1063 11	A.C.Unit Substation:400V SWITCHBOARD No.1-PART 2	REV	SPECIFIC	1447	
44025	3/5	1064 11	A.C.Unit Substation:600V SWITCHBOARD #2	REV	SPECIFIC	907	
44025	4/5	1065 11	A.C.Unit Substation:600V SWITCHBOARD #3A	BAD	SPECIFIC FOR ROLLING MILL SYSTEM	1134	
44025	5/5	1066 11	A.C.Unit Substation:600V SWITCHBOARD #3B	BAD	SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM	680	
44037	1/3	861 10	Switchgear & Fuse Cabinets:34.5 KV Load Interrupter switch	REV	SPECIFIC FOR ROLLING MILL/USABLE ELSEWHERE	2722	
44037	2/3	862 10	Switchgear & Fuse Cabinets:34.5 KV Load Interrupter switch	REV	SPECIFIC FOR ROLLING MILL/USABLE ELSEWHERE	2722	
44037	3/3	863 10	Switchgear & Fuse Cabinets:34.5 KV Load Interrupter switch	REV	SPECIFIC FOR ROLLING MILL/USABLE ELSEWHERE	2722	
44131	1/7	1109 11	Pipe:10"Diax22'Pipe	GOOD	USABLE	1464	

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPH.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
44131	2/7	1110	11	Pipe:10"Diax22'Pipe	JUDGEMENT:GOOD	APPLICABILITY:USABLE	WEIGHT:	1464
44131	3/7	1111	11	Pipe:4x1 1/2"Diax21'Pipe,66x1"x22'Pipe	JUDGEMENT:GOOD	APPLICABILITY:USABLE	WEIGHT:	3313
44131	4/7	1112	11	Pipe:Dia(3"x31,2 1/2x3,2"x4,1 1/4"x3,1"x16,3/4"x25,1/2"x40)x21'	JUDGEMENT:GOOD	APPLICABILITY:USABLE	WEIGHT:	3312
44131	5/7	1113	11	Pipe:2'Diax21'Pipe	JUDGEMENT:GOOD	APPLICABILITY:USABLE	WEIGHT:	3313
44131	6/7	1114	11	Pipe:Dia(1 1/8"x64,1 1/4"x21,1"x14,3/4"x18)1/2"x8)x21'	JUDGEMENT:GOOD	APPLICABILITY:USABLE	WEIGHT:	3313
44131	7/7	1115	11	Pipe:Dia(2"x21,1 1/22x65)x21'	JUDGEMENT:GOOD	APPLICABILITY:USABLE	WEIGHT:	3313
							152 Cu.at	32960 Kg

## 5.0/5.1 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:GAS CLEANING SYSTEM

43953	1/1	770	10	Dust Collector Module,2x1/4x3x4'-3" Bar,2x1/4x3x2'-3"Bar	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	5039
43954	1/1	771	10	Dust Collector Module,2x1/4x3x4'-3" Bar,2x1/4x3x2'-3"Bar	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	5039
43955	1/1	769	10	Dust Collector Module,2x1/4x3x4'-3" Bar,2x1/4x3x2'-3"Bar	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	5039
43956	1/1	768	10	Dust Collector Module,2x1/4x3x4'-3" Bar,2x1/4x3x2'-3"Bar	JUDGEMENT:REV	APPLICABILITY:SPECIFIL FOR GAS CLEANING SYSTEM	WEIGHT:	5039
43969	1/12	944	10	Inlet plenum Section (5xSupport columns,7xAngles)	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	2776
43969	10/1	953	10	Baghous Roof Elbow	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	213
43969	11/1	954	10	Baghous Roof Elbow	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	213
43969	12/1	955	10	Baghous Roof Elbow	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	213
43969	2/12	945	10	Inlet plenum Section (5xSupport columns,22xAngles,5xBeam)	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	3039
43969	3/12	946	10	Inlet Duct Transition(4xColumns,4xBeams,6xTees)	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	944
43969	4/12	947	10	Inlet Duct elbow	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	277
43969	5/12	948	10	Hopper Inlet Stub	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	121
43969	6/12	949	10	Hopper Inlet Stub	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	121
43969	7/12	950	10	Hopper Inlet Stub	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	121
43969	8/12	951	10	Hopper Inlet Stub	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	121
43969	9/12	952	10	Baghous Roof Elbow	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	213
43995	1/4	779	10	Duct support	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	1168
43995	2-4/	780	10	57xPipe,Sq.,96xphi	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	1573

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No SHT. ITEM SHPM. DESCRIPTION

				498 Cu.at	31268 Kg
<b>5.0/5.4 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MISCELLANEOUS</b>					
44000	1/5	792	10	Lamella Body JUDGEMENT:REV	APPLICABILITY:SPECIFIC WATER TREATMENT WEIGHT: 6392
44033	1/6	839	10	Lamella Plates JUDGEMENT:BAD	APPLICABILITY:SCRAP WEIGHT: 1594
44033	2/6	840	10	Lamella Plates JUDGEMENT:BAD	APPLICABILITY:SCRAP WEIGHT: 1389
44033	3/6	841	10	Lamella Plates JUDGEMENT:BAD	APPLICABILITY:SCRAP WEIGHT: 1389
44033	4/6	842	10	Shaft for lighting Mixer,Shaft for mechanical Mixer JUDGEMENT:BAD	APPLICABILITY:SPECIFIC WEIGHT: 79
44033	5/6	843	10	Lightning Mixer,Mechanical Mixer,3.5HP Deremix Motor,Lighting Frequency controller,Remote Start Stop Op JUDGEMENT:BAD	APPLICABILITY:SPECIFIC WEIGHT: 213
44130	1/2	1052	11	Radial Drill and Band Saw:3H Model,Coolant System,Main & Coolant Mtr. JUDGEMENT:REV	APPLICABILITY:SPECIFIC WEIGHT: 1202
44146	1/14	1094	11	Water Storage Tank Parts:4xPcs,Base Columns JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR WATER TANK WEIGHT: 2368
44146	11/1	1103	11	Water Storage Tank Parts:Roof Segment-12Pcs. 1800/ea JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR WATER TANK WEIGHT: 1072
44146	13/1	1105	11	Water Storage Tank Parts:4Pcs.Side Plates with Balcony,4Pcs.Hand-ail JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM WEIGHT: 2430
44146	2/14	1095	11	Water Storage Tank Parts:4xPcs. Cap.Column,1Pcs.Rpliede Safety rail JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR WATER TANK WEIGHT: 2040
				123 Cu.at	20168 Kg
				1558 Cu.at	319014 Kg

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

## 1.0/1.1 STRUCTURAL STEEL AND PRE-FABRICATED BUILDINGS AND SERVICES:MILL BUILDINGS SYSTEM

43083	1-3/	210	7	FURNACES:Pre-Engineered Buildings Materials:10xBundles,114 Pieces,2xBoxes,Crate JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	13621
43084	1-3/	211	7	FURNACES:Pre-Engineered Buildings Materials:365xPieces,1xBoxes JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	12727
43358	1-6/	262	7	FURNACES:Pre-Engineered Buildings Materials:18xBundles,244 Pieces,2xBoxes,3xCrates JUDGEMENT:REV APPLICABILITY:GALV.MATERIAL OUTSIDE OF CONTAINER	WEIGHT:	18620
43361	1-4/	305	7	FURNACES:Pre-Engineered Buildings Materials:13xBundles,175 Pieces,10xBoxes JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR PRE-ENGINEERED BUILDINGS/USAB	WEIGHT:	19486
43413	1-3/	389	7	FURNACES:Pre-Engineered Buildings Materials:10xBundles,513xPieces,6xBoxes,6xBoxes,2xBarrels,2xpallets JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	20707
43451	1-4/	440	7	FURNACES:Pre-Engineered Buildings Materials:12xBundles,356 Pieces,6xBoxes,Crate,Barrel JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	22757
43693	1/64	617	6	FURNACES:1-1/4" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	10/6	617	6	FURNACES:3/4" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	11/6	617	6	FURNACES:3/4" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	12/6	617	6	FURNACES:1-1/2" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	13/6	617	6	FURNACES:1-1/2" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	14/6	617	6	FURNACES:1-1/2" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	15/6	617	6	FURNACES:1-1/2" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	16/6	617	6	FURNACES:1-1/2" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	17/6	617	6	FURNACES:1-1/2" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	18/6	617	6	FURNACES:1-1/2" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	19/6	617	6	FURNACES:1-1/2" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	2/64	617	6	FURNACES:1-1/4" Sleeves JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	5
43693	20/6	617	6	FURNACES:3/4" Plates JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	726
43693	21/6	617	6	FURNACES:1/2",1" Plates JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	768
43693	22/6	617	6	FURNACES:Anchor Bolts JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	635
43693	23/6	617	6	FURNACES:Anchor Bolts JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	526
43693	24/6	617	6	FURNACES:Anchor Bolts JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	899
43693	25/6	617	6	FURNACES:Anchor Bolts JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	1959
43693	26/6	617	6	FURNACES:Anchor Bolts JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	1707

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPH. DESCRIPTION

PACKING No	SHT.	ITEM	SHPH.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
43693	27/6	617	6	FURNACES:Anchor Bolts	GOOD	SPECIFIC/USABLE ELSEWHERE	795	
43693	28/6	617	6	FURNACES:Anchor Bolts	GOOD	SPECIFIC/USABLE ELSEWHERE	647	
43693	29/6	617	6	FURNACES:Anchor Bolts	GOOD	SPECIFIC/USABLE ELSEWHERE	681	
43693	3/63	617	6	FURNACES:1-1/4" Sleeves	GOOD	SPECIFIC/USABLE ELSEWHERE	5	
43693	30/6	617	6	FURNACES:Nuts,Washers	GOOD	SPECIFIC/USABLE ELSEWHERE	1180	
43693	31/6	617	6	FURNACES:Nuts,Washers	GOOD	SPECIFIC/USABLE ELSEWHERE	1180	
43693	4/64	617	6	FURNACES:1-1/4" Sleeves	GOOD	SPECIFIC/USABLE ELSEWHERE	5	
43693	5/64	617	6	FURNACES:1" Sleeves	GOOD	SPECIFIC/USABLE ELSEWHERE	5	
43693	51/6	617	6	Foundation materials:Sonoflex Cane fiber expansion Joint Material	REV	SPECIFIC	153	
43693	52/6	617	6	Foundation materials:7xWilliams Products rolls,20xWilliams Vertical Ells,6Williams Unions,36al Williams	GOOD	SPECIFIC/USABLE ELSEWHERE	254	
43693	6/64	617	6	FURNACES:1" Sleeves	GOOD	SPECIFIC/USABLE ELSEWHERE	5	
43693	7/64	617	6	FURNACES:1" Sleeves	GOOD	SPECIFIC/USABLE ELSEWHERE	5	
43693	8/64	617	6	FURNACES:1" Sleeves	GOOD	SPECIFIC/USABLE ELSEWHERE	5	
43693	9/64	617	6	FURNACES:1" Sleeves	GOOD	SPECIFIC/USABLE ELSEWHERE	5	
44059	7/36	941	10	B3-3600 Electric Vibrator,Manual,Mounting Bolts and Washers	REV	USABLE ELSEWHERE	45	
44059	8/36	941	10	B3-3600 Electric Vibrator,Manual,Mounting Bolts and Washers	REV	USABLE ELSEWHERE	45	
44065	10-1	962	10	Hollow Metal Doors	GOOD	DIFFICULT TO USE	742	
44065	12-1	962	10	Hollow Metal Doors	GOOD	DIFFICULT TO USE	689	
44065	14/1	962	10	Hollow Metal Doors	GOOD	DIFFICULT TO USE	670	
44065	15-1	962	10	130xHinges,1xLatchset,76xLocksets,5xDoor closer,5xDoor pulls,5xPush Plates,4xSurface Bolts,396xHollow m	GOOD	DIFFICULT TO USE	195	
44065	6-9/	962	10	Hollow Metal Frames F16-3070x1-3/4"x5-3/4"Galvanize2xCommodity B No.652.9120,11xThresholds,12xDoor Bott	GOOD	DIFFICULT TO USE	665	
44110	1/18	1121	11	FURNACES-Sika Grout 212 - 50 lb. bags	BAD	NO USE	898	
44110	10/1	1121	11	FURNACES-Sika Grout 212 - 50 lb. bags	BAD	NO USE	898	
44110	11/1	1121	11	FURNACES-Sika Grout 212 - 50 lb. bags	BAD	NO USE	898	
44110	12/1	1121	11	FURNACES-Sika Grout 212 - 50 lb. bags	BAD	NO USE	898	
44110	13/1	1121	11	FURNACES-Sika Grout 212 - 50 lb. bags	BAD	NO USE	898	

## TEAM GROUP ASSESSEMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	WEIGHT:	
44110	14/1	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	15/1	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	16/1	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	17/1	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	18/1	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	948	
44110	2/18	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	3/18	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	4/18	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	5/18	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	6/18	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	7/18	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	8/18	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44110	9/18	1121 11	FURNACES-Sika Grout 212 - 50 lb. bags JUDGEMENT:BAD APPLICABILITY:NO USE	898	
44335		13	? JUDGEMENT:REV APPLICABILITY:SPECIFIC	129 452 Cu.at	139912 Kq

## 1.0/1.3 STRUCTURAL STEEL AND PREFABRICATED BUILDINGS AND SERVICES:MISCELLANEOUS

43923	32/4	690 9	FURNACES:Celotex Corp.Ceiling Panels JUDGEMENT:GOOD APPLICABILITY:USABLE IN OTHER BUILDING	330	
43923	33/4	690 9	FURNACES:Celotex Corp.Ceiling Panels JUDGEMENT:GOOD APPLICABILITY:USABLE IN OTHER BUILDING	330	
43923	34/4	690 9	FURNACES:Celotex Corp.Ceiling Panels JUDGEMENT:GOOD APPLICABILITY:USABLE IN OTHER BUILDING	2	
43923	35/4	690 9	FURNACES:Celotex Corp.Ceiling Panels JUDGEMENT:GOOD APPLICABILITY:USABLE IN OTHER BUILDING	2	
43923	36/4	690 ?	FURNACES:2xCelotex Corp.Ceiling Panels,13xCicago Metallic Corp.Celing Grid JUDGEMENT:GOOD APPLICABILITY:USABLE IN OTHER BUILDING	194	
43923	37/4	690 9	FURNACES:9xCicago Metallic Corp.Celing Grid,2xHanger wire,1xangle Clips JUDGEMENT:GOOD APPLICABILITY:USABLE IN OTHER BUILDING	258	
44058	10/1	958 10	Steel Frames.Inner,Outer,Angle JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR THE DESIGN/USABLE ELSEWHERE	91 9 Cu.at	1206 Kq

## 2.0/2.1 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:OVERHEAD CRANE HANDLING SYSTEM

43261	1/10	252 4	46 SD Walker Shrader 46" Diameter Deep Field Magnet JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	1179	
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## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SMT. ITEM SHPN. DESCRIPTION

PACKING No	SMT.	ITEM	SHPN.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	
43261	2/19	252	4	46 SD Walker Shrader 46" Diameter Deep Field Magnet	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	1179
43261	3/10	252	4	46 SD Walker Shrader 46" Diameter Deep Field Magnet	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	1179
43432	1/16	474	5	14"x29'-8" long Horizontal screw Feeder	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	929
43432	2/16	474	5	Motor 4HP 1500RPM 380V,3HP,50Hz and Other Components	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	88
43432	9/16	474	5	1xRotary Refractory Gun,Water Booster Pump,Spare Rubber Parts,..	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	369
43923	47/4	690	9	FURNACES:Sullair Model 20-125H Water Cooled Air Compressor	JUDGEMENT:GOOD	APPLICABILITY:USABLE	WEIGHT:	2495
43923	48/4	690	9	FURNACES:Sullair Model 20-125H Water Cooled Air Compressor	JUDGEMENT:GOOD	APPLICABILITY:USABLE	WEIGHT:	2495
44012	21/4	798	10	AIRTEK Model AR650 Refrigerated Air Dryer Water Cooled,460V,3Ph,60Hz	JUDGEMENT:REV	APPLICABILITY:MAY BE USED IN OTHER PLACES	WEIGHT:	426
44012	22/4	798	10	CF3318-C Coalescer,CF32,93 Drain,CF3105 Drain,CF1706Gauge,CF2318-150 Safety Relief Valve	JUDGEMENT:REV	APPLICABILITY:MAY BE USED IN OTHER FACILITIES	WEIGHT:	25
44012	42/4	798	10	Tank Air Pressure,Steel 14 Gauge or thicker, Item 180790 Sub 3	JUDGEMENT:REV	APPLICABILITY:MAY BE USED IN OTHER FACILITIES	WEIGHT:	301
44057	10/3	938	10	Torque Reel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	5
44057	11/3	938	10	84"-100A Conductor (Coiled)	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	19
44057	12/3	938	10	Tri Bar of 1-4 Ft.Pc.	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	2
44057	13/3	938	10	Tri Bar of 4-20 Ft.Pc.	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	36
44057	14/3	938	10	Power Pickup,5xHanger Bolts,14xsliding Hanger Bolts,Power Feeds,junction box	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	10
44057	26/3	938	10	Model KEW Electric Chain Hoist	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE	WEIGHT:	136
44057	27/3	938	10	CEW 5x32 ST28 S3 Wire Rope Hoist	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE	WEIGHT:	500
44057	28/3	938	10	DEW 5-71ST30B2 Wire Rope Hoist	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE/USABLE ELSEWHERE	WEIGHT:	810
44057	29/3	938	10	CEW 5X32 ST 28 S2 Wire Rope Hoist	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE/USABLE ELSEWHERE	WEIGHT:	540
44059	32/3	941	10	Grant-o-Matic,Hydraulic Hammer Attachments,Hydraulic Hammer Bits	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	2318
44195	1/44	1134	11	FURNACES - Ac Motor 250 HP, 1000 RPM, 380V 3 Phase, 50 Hz Model 5k509SN384, Serial No.8834245047	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE/USABLE ELSEWHERE	WEIGHT:	1568
44195	24/4	1134	11	4521AA 60 KV OIL TESTER	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR OIL TESTING	WEIGHT:	30
44195	25/4	1134	11	1x 02002A MEG-CHECKER 500V + 2x150a MDT ROT. IND + 1x2B4 OIL CUP	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR OIL TESTING	WEIGHT:	56
44195	26/4	1134	11	18533 TEST KIT	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR OIL TESTING	WEIGHT:	40
44195	27/4	1134	11	5521A with 230 Input Hypot S/W 132	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR OIL TESTING	WEIGHT:	50
44195	33/4	1134	11	Water Pot 16A3,Tool Tray 16A4, Medium Grit grinding Wheel, Fine Grit Grinding Wheel,4x1316 Hammer, Pedes	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TESTING	WEIGHT:	150



## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	
44195	34/4	1134 11	8xPipe Line Oxygen Regulators with 2 Metric Gauges, 8 Pipe Line Propane Regulators with 2 Metric Gauges.			45	
44195	35/4	1134 11	Various Lathe Parts			641	
44195	39/4	1174 11	1 BEAMS FOR GANTRY CRANE MODEL 1A1214B			320	
44195	40/4	1134 11	"A" FRAME LEGS FOR GANTRY CRANE w/CASTERS			80	
44195	41/4	1134 11	1 PIPE & BOLT THREADING MACHINE RIDGE S/W 8901672			100	
44195	42-4	1134 11	TOOLS			100	
44198	36/4	1135 11	4xHeating Tips,6xDouble end Wrench,24xwelding Goggles,12xPipe Line regulators,6xCutting Torch,12xDual M			122	
44198	38/4	1135 11	Female Connectors for scrap Magnets			15	
44198	40/4	1135 11	Part No.49982 Transformer for S/N 59480			30	
44198	41/4	1135 11	Replacement Motor 374 HP 50 HZ			23	
44335		13	?			2996	
						16960 Cu.mt	21407 Kg

## 2.0/2.2 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:CONTINUOUS CASTING SYSTEM

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR APPLICATION	WEIGHT:	
43923	1/48	690 9	FURNACES-2xStarter bar Chains,6xStarter Bar Heads			1315	
43923	17/4	690 9	Pins,Guides,Washers,Brackets,Rollers			617	
43923	18/4	690 9	FURNACES-Baskets,Spray Riser,Elbows,Spray Nozzle,Pipe Bloc,support Beam,Support Brackets,Upper Brace			1097	
43923	19/4	690 9	FURNACES-Washers,Pins,Bolts,Rollers,Lower Stand Guides			580	
43923	20/4	690 9	Spray Manifold,Spray Riser,Spray Nozzle,Elbows			254	
43923	21-2	690 9	FURNACES:Support Frame,Support Spray Riser,support Channels,Support Angles,support Brkt,Removable Frame,			726	
44012	23-2	798 10	Support Stand,Bolts,Swing arms,Mounting Rings,Swivel joints,Bushing Bronze,keeper Plates,Shear Blocks..			1814	
44012	25/4	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome			245	
44012	26/4	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome			245	
44012	27/4	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome			245	
44012	28/4	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome			245	
44012	29/4	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome			245	
44012	30/4	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome			245	

## TEAM GROUP ASSESSMENT OF KINI HILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAORIZED RETRISVED IDENTIFIED AND JUDGE

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT
44012	31/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	32/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	33/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	34/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	35/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	36/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	37/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	38/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	39/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	40/A	798 10	Copper Mold Tubes-Silver Bearing Copper C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44012	41/A	798 10	Copper Mold Tubes-Silver Bearing Coppe: C.D.A.Alloy 107-4.035"x4.035"x32",192"Casting Radius,Hard Chrome	GOOD	SPECIFIC FOR THE CASTER	245
44057	15/3	938 10	Bridge and Hose Assemblies, Air regulatio Panel Asseably,Cutting torch and Nozzle	REV	SPECIFIC FOR CASTER	1823
44057	16/3	938 10	Control Console assembly,Machine carriage Asseably	REV	SPECIFIC FOR CASTER	1112
44057	18-1	938 10	Mold Lubricatio Injection System(Pump,Motor,Tank,lid,Platform,Valves,Piping,Level switch..	REV	SPECIFIC FOR CASTER	272
44059	10/3	941 10	Soray Tech Molds with mold tubes	REV	SPECIFIC FOR THE CASTER	562
44059	11/3	941 10	Spray Tech Molds with mold tubes	REV	SPECIFIC FOR THE CASTER	562
44059	33/3	941 10	Base Channel,Inlet connection,Duct, Flangr,Hex bolt	REV	SPECIFIC FOR THE CASTER	341
44059	9/36	941 10	Spray Tech Molds with mold tubes,Copper Gaskets,Silicone Rubber gaskets	REV	SPECIFIC FOR THE CASTER	595
44194	100/	1133 11	Carbon Syeel Hoe 07228H7	REV	SPECIFIC	39
44194	101/	1133 11	3xRound Point Shoveles,3xSquare Shoveles	GOOD	USABLE	54
44194	102/	1133 11	Steel Mortar Box 15 Cu.Ft.07205E5	GOOD	USABLE	59
44194	103/	1133 11	Plastic Mortar Pan 11292E4	REV	USABLE	30
44194	104/	1133 11	Masonry Saw W/3HP, 22V 50 Hz Motor, Target 6M1431 S/N 809SX	REV	USABLE	59
44194	105/	1133 11	Tools:	REV	USABLE	77
44194	106/	1133 11	TOOLS:Plumb Hammer 11-659, Hacksaw 8095, Blades for Saw	REV	USABLE	3
44194	107/	1133 11	11-6250-41 Starter Kit(12 Rolls of Chart Paper,Pen,..	REV	SPECIFIC FOR GOULD RECORDER	32

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINA/RIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	USABLE ELSEWHERE	WEIGHT:	
44194	108/	1133	11	11-6250-41 Starter Kit(12 Rolls of Chart Paper, Pen,..				32	
44194	109/	1133	11	2x21107-6601-06 Gould Recorder, 12x13-4615-00 Basic DC Amplifier, 2x11-6402-12 Chart take Up				138	
44194	83/1	1133	11	C Clamps 3x4 1/2, 3x6 1/2, 3x10 1/2, 3x12 1/2				45	
44194	84/1	1133	11	Baldor No.1215, Eye Shield				91	
44194	85/1	1133	11	112 Rotary Hand Pump, 410 Hand Grease Pump				10	
44194	91/1	1133	11	Utility Aluminum Level 24" Gold Blatt 09466147				3	
44194	92/1	1133	11	4049 Grinder/Sander				27	
44194	93/1	1133	11	5436MRLZ Set of 6 Micrometers				22	
44194	94/1	1133	11	224ME-RLZ Micrometers				16	
44194	95/1	1133	11	224MD-RL Micrometers				9	
44194	96/1	1133	11	224MG-RL Micrometers				13	
44194	97/1	1133	11	224MJ-KLZ Micrometers				14	
44194	98/1	1133	11	26-36" Calipers				18	
44194	99/1	1133	11	Tools: Micrometers, Calipers, Pad for Grinder, Steel Rule				20	
								51 Cu.mt	16634 Kg

## 2.0/2.3 MECH., CRANE, CASTING, ROLLING MILL EQUIPMENT AND SERVICES: ROLLING MILL SYSTEM

43261	6/10	252	4	Cooling Bed Running Table and Kickoff (2x Drive Stand, 2x Speed Reducer, 17x Found. Plate., Stat. Beam, Bucket, 2	JUDGEMENT:REV	APPLICABILITY:SPECIFIC		4994	
43431	1/2	475	5	Bar & Rod Mill Central lubrication System: 4000 Gallon Oil reservoir for Underground Service	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC		1501	
43431	2/2	475	5	Bar & Rod Mill Central lubrication System: 3000 Gallon Oil reservoir for Underground Service	JUDGEMENT:NA	APPLICABILITY:		1254	
43432	13-1	474	5	Bar & Rod Mill Central lubrication System: Components	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR LUBRICATIO SYSTEM		1823	
43432	3/16	474	5	Bar & Rod Mill Central lubrication System	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL		1487	
43432	4-//	474	5	Bar & Rod Mill 250mm Oil Lubrication System Components	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR LUBRICATION SYSTEM		1868	
43432	8/16	474	5	Bar & Rod Mill Central Oil Lubrication System Components: 1100 Gallon Pressure Vessel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR LUBRICATION SYSTEM/USABLE ELS		1487	
43693	48/6	617	6	Trabon Grease Lubricatio System	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL		204	
43693	49/6	617	6	Trabon Grease Lubricatio System	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL		226	
43693	50/6	617	6	Trabon Grease Lubricatio System	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL		36	

TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

LIST OF EQUIPMENT CONTAINERS IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPM.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	
43493	53/6	617	6	250 mm Mill Vent System, 2700 CFM	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	153
43693	54/6	617	6	280 mm Mill Vent System, 3600 CFM	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	254
43693	55/6	617	6	430 mm Mill Vent System, 3600 CFM	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	254
43693	56/6	617	6	340 mm Mill Vent System, 5400 CFM	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	354
43693	57/6	617	6	Cooling Bed Ventilation, 50 HP Dc Motor, Vent System, 590 CFM B-B	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	29
44058	6/10	958	10	50HP 50071500RPM DC Motor Field Volts 150/300, Model SCB223KA0198002	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	1089
44059	34/3	941	10	Enerpac 1PA2521 Hydraulic Press	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	252
44059	35/3	941	10	1020 Hydraulic Pump for ENERPAC Press	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR PRESS	WEIGHT:	27
44059	36/3	941	10	Hydraulic Cilinder for Enerpac Press	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR PRESS	WEIGHT:	18
44195	18-2	1134	11	FURNACES - SPARES, EXHIBIT "B"	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL	WEIGHT:	1261
44198	22/4	1135	11	1xLevel 24", 4XStorage Cabinets, Parts for 7W034 Grayer Storage Cabinet (18" & shelf unit 7W241-9, 4post asse	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	651
44198	37/4	1135	11	50'x1 1/4" Green Oxygen Hose	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	31
44198	39/4	1135	11	1xset VA-6039 Tap&Die, 4xLock Joint Calipers, 2 Outside Calipers, 6xPliers, 1xFeeler Gauge	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	20
44198	46/4	1135	11	Beams for 1 Ton gantry Cranes	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC	WEIGHT:	1105
44198	47/4	1135	11	"A" Frame Legs for 1 Ton Gantry crane	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC	WEIGHT:	500
							117 Cu.ft	20879 Kg
2.0/2.4 MECH., CRANE CASTING, ROLLING MILL EQUIPMENT AND SERVICES: MISCELLANEOUS								
44012	17/4	798	10	3xTool Holder, 20 Seats, 50 Lock screws, 100 Inserts	JUDGEMENT:GOOD	APPLICABILITY:NO USE	WEIGHT:	7
44057	1/38	938	10	Drill Chuck, Drill Sleeves, Chuck Arbors, Drill Press Vise	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	21
44057	17/3	938	10	Type 102-202 Pedestal Grinder, 2HP, 1500 RPM, 380/5/3	JUDGEMENT:REV	APPLICABILITY:USABLE ELSEWHERE	WEIGHT:	208
44057	2/38	938	10	2xM5 Lathe Centers SMT, HD2 Turret Tool Block	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TOOL MACHINE	WEIGHT:	20
44057	20-2	938	10	Arbors, Taper end mill Adpt, Shell end mill Arbor, Drill Chuck, ...	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TOOL MACHINE	WEIGHT:	65
44057	22/3	938	10	Kurt Vise, BHS Flynn Boring Head	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TOOL MACHINE	WEIGHT:	54
44057	3/38	938	10	12x2x1 1/4 36 D Grinding Wheels	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TOOL MACHINE	WEIGHT:	54
44057	30/3	938	10	RTKC Index Table w/632 chuck	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TOOL MACHINE	WEIGHT:	20
44057	31/3	938	10	Chuck No.10-104-18-A11C	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TOOL MACHINE	WEIGHT:	163

## TEAM GROUP ASSESMENT OF Mini MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINA RIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TOOL MACHINE	WEIGHT:	
44057	32/3	938 10	Chuck No.10-104-18-A11D	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR TOOL MACHINE	WEIGHT:	186
44058	7-8/	958 10	Leblond Regal Engin lathe,Jaws,Tailstock Center,Gear,Face Plate,Mover Handle,GASKET,Manuals	JUDGEMENT:REV	APPLICABILITY:TOOL MACHINE/USABLE IF ASSEMBLED	WEIGHT:	4098
44059	1/36	941 10	Std.Mill Model 860C,Manual,Spindle,...	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR MACHINERY	WEIGHT:	1701
44060	2-3/	943 10	Univ.tool&Cutter Grinder 1/2Hp 380V,Sens.Workhead,54xCollets,jaw Chuck,Saucer,Cup,Straight,Cut off Wheel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	557
44060	4/16	943 10	2xDrill chuck,4xdrill Sleeve,2xChuck Arbors,Drill Press Vise	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	21
44060	6/16	943 10	2xM5 Lathe Centers SMT,HD2 Turret tool Block	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	20
44281		13	?	JUDGEMENT:BAD	APPLICABILITY:PARTIALLY VANDALIZED	WEIGHT:	
44335		13	?	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE HANDLING SYSTEM	WEIGHT:	
44335		13	?	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE HANDLING SYSTEM	WEIGHT:	
44335		13	?	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE HANDLING SYSTEM	WEIGHT:	
44335		13	?	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CRANE HANDLING SYSTEM	WEIGHT:	931
44339		13	?	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC	WEIGHT:	28 Cu.at 8125 Kg

## 3.0/3.1 INDUSTRIAL FURNACES AND OVENS AND SERVICES:ELECTRIC FURNACE SYSTEM

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	
43261	4/10	252 4	9000mcx22' Water cooled electric arc Furnace Cables	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	2621
43693	58/6	617 6	16"x72" Graphite electrodes	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	WEIGHT:	1161
43693	59/6	617 6	16"x72" Graphite electrodes	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	WEIGHT:	1161
43693	60/6	617 6	16"x72" Graphite electrodes	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	WEIGHT:	1161
43693	61/6	617 6	16"x72" Graphite electrodes	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	WEIGHT:	1161
43693	62/6	617 6	8.5"x12" Tapered Threaded Graphite Nipples and self lowering lifting plug	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	WEIGHT:	190
43940	10/1	1091 11	FURNACES - OXIBAK H 13 1/2x6x3 STR.	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1426
43940	11/1	1091 11	FURNACES - OXILINE B 13 1/2x6x3 (45xNo.1+10xNo.2+35xNo.3) KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	954
43940	12/1	1091 11	FURNACES - OXIBAK 13 1/2x6x3 (100xH T1+20xH) STR	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1481
43940	13/1	1091 11	FURNACES - OXILINE B No.1 KEY(1)+OXIBAK H T19x4 1/1x3 (68 No1+22 No2)KEY+OXIBAK H 13 1/2x6x3 STR (35)	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	949
43940	4/13	1091 11	FURNACES - OXILINE B 13 1/2x6x3 No.1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1377
43940	5/13	1091 11	FURNACES - OXILINE B 13 1/2x6x3 No.1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	689

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	WEIGHT:	
43940	6/13	1091 11	FURNACES - OXILINE B 13 1/2x6x3 No.2 KEY JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1301	
43940	7/13	1091 11	FURNACES - OXILINE B 13 1/2x6x3 No.2 KEY JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1301	
43940	8/13	1091 11	FURNACES - OXIBAK H 13 1/2x6x3 STR. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1426	
43940	9/13	1091 11	FURNACES - OXIBAK H 13 1/2x6x3 STR. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1426	
44062	1/10	959 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44062	10/1	959 10	384xBENEZET 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1603	
44062	2/10	959 10	118xWoodland 9x4 1/4x3ST.,99xBENEZET 9x6x3ST.,96x9x4 1/4x3ST JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1451	
44062	3/10	959 10	288xBENEZET 9x6x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1607	
44062	4/10	959 10	288xBENEZET 9x6x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1607	
44062	5/10	959 10	384xBENEZET 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1603	
44062	6/10	959 10	384xBENEZET 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1603	
44062	7/10	959 10	384xBENEZET 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1603	
44062	8/10	959 10	384xBENEZET 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1603	
44062	9/10	959 10	384xBENEZET 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1603	
44063	1/10	960 10	Woodland 9x4 1/4x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44063	10/1	960 10	BENEZET 9x4 1/2x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44063	2/10	960 10	Woodland 9x4 1/4x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44063	3/10	960 10	Woodland 9x4 1/4x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44063	4/10	960 10	Woodland 9x4 1/4x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44063	5/10	960 10	360xBENEZET 9x4 1/2x3Key,505Metal anchors5x Alumina Nozzle JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1413	
44063	6/10	960 10	BENEZET 9x4 1/2x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44063	7/10	960 10	BENEZET 9x4 1/2x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44063	8/10	960 10	BENEZET 9x4 1/2x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44063	9/10	960 10	BENEZET 9x4 1/2x3 ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	1/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	10/1	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	WEIGHT:	
44064	2/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	3/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	4/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	5/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	6/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	7/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	8/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44064	9/10	961 10	Woodland 9x4 1/4x3ST. JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1620	
44083	1/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1746	
44083	2/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1746	
44083	3/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1746	
44083	4/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1746	
44083	5/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1746	
44083	6/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1746	
44083	7/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1746	
44083	8/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1746	
44083	9/9	1067 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1707	
44083-A	1/9	1090 11	FURNACES - ALADIN 70 9x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1489	
44083-A	2/9	1090 11	FURNACES - ALADIN 70 9x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1489	
44083-A	3/9	1090 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1489	
44083-A	4/9	1090 11	FURNACES - ALADIN 70 H-W 6-30 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1489	
44083-A	5/9	1090 11	FURNACES - ALUSA H-W 3020-B JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1489	
44083-A	6/9	1090 11	FURNACES - ALUSA H-W 3020-B JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1489	
44083-A	7/9	1090 11	FURNACES - ALUSA H-W 3020-B JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1489	
44083-A	8/9	1090 11	FURNACES - ALUSA H-W 3020-B JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1489	
44083-A	9/9	1090 11	FURNACES - ALUSA H-W 3020-B JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1491	

## TEAM GROUP ASSESSMENT OF NINT MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPP. DESCRIPTION

PACKING No	SHT.	ITEM SHPP.	DESCRIPTION	WEIGHT:	
44083-B	1/10	1092 11	FURNACES - ALADIN 70 9x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1464	
44083-B	10/1	1092 11	FURNACES - UFALA (95x(13 1/2x6x3 STR)+138x(9x4 1/2x3 No3Arch)) JUDGEMENT: APPLICABILITY:	1467	
44083-B	2/10	1092 11	FURNACES - ALADIN 70 9x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1464	
44083-B	3/10	1092 11	FURNACES - ALADIN 70 9x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1463	
44083-B	4/10	1092 11	FURNACES - ALADIN 70 ((114x(H-W 6-30)+85x(9x6x3STR)+4x(HMUL-SS-127 Starter set)) JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1510	
44083-B	5/10	1092 11	FURNACES - UFALA 13 1/2x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1621	
44083-B	5/10	1092 11	FURNACES - UFALA 13 1/2x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1621	
44083-B	6/10	1092 11	FURNACES - UFALA 13 1/2x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1621	
44083-B	7/10	1092 11	FURNACES - UFALA 13 1/2x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1621	
44083-B	8/10	1092 11	FURNACES - UFALA 13 1/2x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1621	
44083-B	9/10	1092 11	FURNACES - UFALA 13 1/2x6x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1621	
44083-C	1/12	1122 11	1128 PCS LOTHERM 9x4 1/2x1 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1299	
44083-C	10/1	1122 11	6 PCS KORUNDAL XD 18x18x4 STR, 4 PCS HARGATE A85 P MWFC-2JB-22 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	516	
44083-C	11/1	1122 11	METALKASE HYLINE R-20 13 1/2x6x3 n0.1 KEY JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1329	
44083-C	12/1	1122 11	METALKASE HYLINE R-20 13 1/2x6x3 n0.1 KEY JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1329	
44083-C	2712	1122 11	432 PCS LOTHERM 9x4 1/2x1 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	496	
44083-C	3/12	1122 11	METALCASE HYLYNE R-20 13 1/2x6x3 n0.1 KEY JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	919	
44083-C	4/12	1122 11	50xMETALKASE HYLINE R-20, 15x 731-349 NOZZLE JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	553	
44083-C	5/12	1122 11	ALUSA H-W 3020-B JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1191	
44083-C	6/12	1122 11	ALUSA H-W 3020-A JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1100	
44083-C	7/12	1122 11	ALUSA H-W 3020-A JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1639	
44083-C	8/12	1122 11	ALUSA H-W 3020-A JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1639	
44083-C	9/12	1122 11	ALUSA H-W 3020-A JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1639	
44084	1/10	1093 11	FURNACES - EXCASE NUCON 60 13 1/2x6x3 No1 KEY JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1521	
44084	10/1	1093 11	FURNACES - H-W PERIKLASE 9x4 1/2x3 STR JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1771	
44084	2/10	1093 11	FURNACES - EXCASE NUCON 60 13 1/2x6x3 No1 KEY JUDGEMENT:GOOD APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	1521	



TEAM GROUP ASSESSMENT OF NINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

LIST OF EQUIPMENT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
44084	3/10	1093 11	FURNACES - EXCASE NUCON 60 13 1/2x6x3 No1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1521
44084	4/10	1093 11	FURNACES - EXCASE NUCON 60 13 1/2x6x3 No1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1521
44084	5/10	1093 11	FURNACES - EXCASE NUCON 60 13 1/2x6x3 No1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1521
44084	6/10	1093 11	FURNACES - EXCASE NUCON 60 13 1/2x6x3 No1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1521
44084	7/10	1093 11	FURNACES - EXCASE NUCON 60 13 1/2x6x3 No1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1403
44084	8/10	1093 11	FURNACES - EXCASE NUCON 60 13 1/2x6x3 No1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1349
44084	9/10	1093 11	FURNACES - H-W PERIKLASE 9x4 1/2x3 STR	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1771
44084-A	1/10	1119 11	FURNACES - ALUSA H-W 3020-A	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1602
44084-A	10/1	1119 11	FURNACES - H-W PERIKLASE (130x(9x4 1/2x3 No 2 KEY)+67x(13 1/2x6x3 No 1 KEY))	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1486
44084-A	3/10	1119 11	FURNACES - H-W PERIKLASE 13 1/2x6x3 No.2 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1762
44084-A	4/10	1119 11	FURNACES - H-W PERIKLASE 9x4 1/2x3 No.1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1925
44084-A	5/10	1119 11	FURNACES - H-W PERIKLASE 9x4 1/2x3 No.1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1614
44084-A	6/10	1119 11	FURNACES - GUIDON 13 1/2x6x3 No.1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1550
44084-A	7/10	1119 11	FURNACES - GUIDON 13 1/2x6x3 No.1 KEY	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1550
44084-A	8/10	1119 11	FURNACES - METALCASE NUCON 60 (22x(13 1/2x9x3)+14x(85-115-3)+14x(85-116-3)+8x(13 1/2x4 1/2x3 60 DEG S.S))	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1564
44084-A	9/10	1119 11	FURNACES - H-W PERIKLASE (30x(9x4 1/2x3 STR)+79x(13 1/2x6x3 No 1 KEY)+21x(13 1/2x6x3 No2 KEY))	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	1229
44194	27/1	1133 11	H-W Pocket Block, H-W3752	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	51
						96 Cu.mt	157452 Kg

3.0/3.2 INDUSTRIAL FURNACES AND OVENS AND SERVICES:REHEAT FURNACE SYSTEM

43261	5/10	252 4	Inlet Filter #20HSA	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	358
43729	1-5/	634 9	4xBox c/RAMTITE 25&70,Box c/ANCHORS,Box c/ANCHORS,Castings,bolts,Nuts,Washers,Fasteners,5xBox c/CE 222	JUDGEMENT:GOOD	APPLICABILITY:SOECIFIC FOR REHEAT FURNACE	WEIGHT:	17530
43730	1/8	635 9	3xBox c/Bags LITE WATE	JUDGEMENT:GOOD	APPLICABILITY:SOECIFIC FOR REHEAT FURNACE	WEIGHT:	11681
43730	2/8	635 9	Box c/Bags DRY SUPER 3000,Box c/Bags MOLDIT D,2XBox c/Bags Moldit&LITE WATE	JUDGEMENT:GOOD	APPLICABILITY:SOECIFIC FOR REHEAT FURNACE	WEIGHT:	3526
43730	3/8	635 9	2xBox c/SUPEREX,2xBox c/CORHART	JUDGEMENT:GOOD	APPLICABILITY:SOECIFIC FOR REHEAT FURNACE	WEIGHT:	3140
43730	4/8	635 9	Box c/CORHART,Box c/MARCO XX	JUDGEMENT:GOOD	APPLICABILITY:SOECIFIC FOR REHEAT FURNACE	WEIGHT:	1641
43730	5/8	635 9	Box c/RMTITE 25	JUDGEMENT:GOOD	APPLICABILITY:SOECIFIC FOR REHEAT FURNACE	WEIGHT:	1398

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINERS: RIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No	SHT.	ITEM	SHPH.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
43730	6/8	635	9	Box c/RANTITE 25	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1388
43730	7/8	635	9	Box c/Bags LITEWATE 70	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1200
43730	8/8	635	9	Box c/MULLITEX Str.	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1695
43731	1/2	636	9	2xBox c/RANTITE 25	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	2936
43731	2/2	636	9	8xBox c/RANTITE 25,Box c/WARCO IX str.	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	11744
43732	1/7	637	9	2xCartoons c/Rollboard,2xCartoon c/Cerwool,Skid c/Dr. Blockstick	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	560
43732	2/7	637	9	5xBoxes RANTITE 25,Box Warcox Str.	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	8432
43732	3/7	637	9	Box c/RANTITE 25	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1398
43732	4/7	637	9	Box c/WARCO IX Str.	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1620
43732	5/7	637	9	Box c/WARCO IX Str.	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1641
43732	6/7	637	9	Box c/WARCO IX Str.	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1641
43732	7/7	637	9	Box c/RANTITE 25	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	1398
43733	1/2	638	9	FURNACES:Box containing 456 Pcs.WARCO IX 9x4 1/2x2 1/2" Straights	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	15061
43733	2/2	638	9	FURNACES:4xBox containing 384 Pcs.WARCO IX 9x4 1/2x3" Straights &2xBox containing 384 LUMITE Straights	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	12177
43734	1/1	639	9	FURNACES:12 Boxes containing each 25 Pcs.Rantite	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACES	WEIGHT:	16656
43735	1-2/	640	9	FURNACESBoxes containing each:2x16 Pcs.Griptex,431 Pcs.Warcox,19 Pails Mastic coating,,320 Pcs CHEMAL	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	3788
43735	3/5	640	9	FURNACESBoxes containing each:2x270 Pcs.Anchor,384 Pcs.LUMITE	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	5507
43735	4/5	640	9	FURNACESBoxes containing each:167 Pcs.Anchor,293 Pcs.LUMITE	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	2490
43735	5/5	640	9	FURNACESBoxes containing each:267 Pcs.CEMAL+17 Pcs.Anchor,187 Pcs.WARCOX+216 Pcs.Mullitex	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	3331
43736	1-2/	641	9	FURNACESBoxes containing each:12x30Pcs.RANTITE 25,	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEATING FURNACE	WEIGHT:	18244
43737	1/1	642	9	FURNACES-Boxes containing each:12x30Pcs.RANTITE 25,	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	16776
43738	1/1	643	9	FURNACES-Boxes containing each:10x456Pcs.WARCO Straights,	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	16410
43739	1-2/	644	9	FURNACES-Boxes containing each:5x358bags.LITEWATE, Straights,248bags LITEWATE 70,7x30Pcs.RANTITE 25	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR REHEAT FURNACE	WEIGHT:	16575
43740	1-2/	645	9	FURNACES-Boxes containing each:5x358bags.LITEWATE, Straights,7x358bags LITEWATE 70,6x30Pcs.RANTITE 25	JUDGEMENT:GOOD(1	APPLICABILITY:USABLE ON OTHER REHEAT FURNACES	WEIGHT:	17208
44012	6/49	798	10	Push Button Stations,Pressure Switch,Marshalltown Pressure gage...	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR THE FURNACE	WEIGHT:	91
44281		13		?	JUDGEMENT:BAD	APPLICABILITY:PARTIALLY VANDALIZED	WEIGHT:	24

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

1363 Cu.mt 219266 Kg

## 4.0/4.1 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MELT SHOP ELECTRIC SYSTEM

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	WEIGHT:	
43693	32/6	617 6	FURNACES:ELECTRICAL CONDUCTOR 259 A JUDGEMENT:GOOD APPLICABILITY:USABLE ELSEWHERE	454	
43693	33/6	617 6	FURNACES:ELECTRICAL CONDUCTOR 520 A JUDGEMENT:GOOD APPLICABILITY:USABLE ELSEWHERE	545	
43693	34/6	617 6	FURNACES:Tribar Housing TBNS JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM	91	
43693	35/6	617 6	FURNACES:Tribar Housing TBNS JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM	91	
43693	36/6	617 6	FURNACES:Coils Copper Conductor 8100C JUDGEMENT:SOOD APPLICABILITY:USABLE ELSEWHERE	27	
43693	37/6	617 6	FURNACES:CEVTER FEED:3x8CF-82,3xCF-81 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM	18	
43693	38/6	617 6	FURNACES:63xBeam Clamps,Collector,25xHanger Bolts,1 EndPieces,2xEnd Cap JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM	18	
43693	39/6	617 6	FURNACES:Collector v/wether cuf C300-WC2 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM	11	
43693	40/6	617 6	FURNACES:STRAIGHTENER TOOL JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	3	
43693	41/6	617 6	FURNACE.CABLE PULLIES JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	27	
43693	42/6	617 6	FURNACES:27xInsulated Hangers,3xcollectors Shoes JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	27	
43693	43/6	617 6	FURNACES:36xInsulated Hangers,3xcollectors Shoes JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	27	
43693	44/6	617 6	FURNACES:6TE Sylvania Hatchway Limit switches:Water tight JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM/USA	23	
43693	45/6	617 6	FURNACES:6TE Sylvania Hatchway Limit switches:Water tight JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM/USA	23	
43923	12/4	690 9	FURNACES-Wilden Pumps, Heavy duty,oir operated air diaphragm unit JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	92	
43923	2/48	690 9	FURNACES-OPM Operator's Panel JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	79	
43923	23/2	690 9	FURNACES:Electric Materials and Component JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	297	
43923	25/4	690 9	FURNACES:Hot Dip Acnhor Bolt,nut and washer Hot Dip Galvanized JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	100	
43923	26/4	690 9	FURNACES:26xinsulators (34.5 KV) JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	735	
43923	27/4	690 9	FURNACES:20' LENGTHS 2" IPS Aluminum JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	311	
43923	28/4	690 9	FURNACES:4/0-6/1 ACSR(520' For damper Cable inside aluminum tubing) JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	86	
43923	29/4	690 9	FURNACES:500KCM,37 strand,bare copper,MHD JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	191	
43923	3/48	690 9	FURNACES-2xMOP Operator Panel,OPD Operator Panel,Lot of Pendant and Local Pushbutton Stations JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	186	
43923	30/4	690 9	furnaces:7 Strand Bare Copper,4 KCM Bare strand,H.D. Aluminum JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	104	

## TEAM GROUP ASSESSMENT OF NIN: MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINMENT/RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPH. DESCRIPTION

PACKING No	SHT.	ITEM SHPH.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT:	
43923	31/4	690 9	FURNACES:2xVical series horizontal Pumps with 2HP reliance Motor	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	91
43923	4/48	690 9	FURNACES-OPC Operator Panel	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC	WEIGHT:	236
43940	1/13	1091 11	FURNACES-MILL WATER SUPPLY PUMP (Spec.Item 205.5) 150 HP Mtr	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	WEIGHT:	953
43940	2/13	1091 11	FURNACES-MILL WATER SUPPLY PUMP (Spec.Item 205.5) 150 HP Mtr	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	WEIGHT:	953
43940	3/13	1091 11	FURNACES-MILL WATER SUPPLY PUMP (Spec.Item 205.5) 150 HP Mtr	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE/USABLE ELSEW	WEIGHT:	953
44012	10/4	798 10	34.5 KV 3 pole, Type TA-OC Disconnect Switch	JUDGEMENT:REV	APPLICABILITY:FUNDAMENTAL TO RUN ELECTRIC FURNACE	WEIGHT:	170
44012	11/4	798 10	34.5 KV 3 pole, Type TA-OC Disconnect Switch	JUDGEMENT:REV	APPLICABILITY:FUNDAMENTAL TO RUN ELECTRIC FURNACE	WEIGHT:	170
44012	12/4	798 10	34.5 KV 3 pole, Type TA-OC Disconnect Switch	JUDGEMENT:REV	APPLICABILITY:FUNDAMENTAL TO RUN ELECTRIC FURNACE	WEIGHT:	170
44012	13/4	798 10	Box Control Parts(Clamp Hinge, Conn.Link,Outboard Bearing,Interguide,Control Handle,hex Bolt,Nut	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR THE PLANT	WEIGHT:	34
44012	14/4	798 10	Box Control Parts(Clamp Hinge, Conn.Link,Outboard Bearing,Interguide,Control Handle,hex Bolt,Nut	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR THE PLANT	WEIGHT:	34
44012	15/4	798 10	Box Control Parts(Clamp Hinge, Conn.Link,Outboard Bearing,Interguide,Control Handle,hex Bolt,Nut	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR THE PLANT	WEIGHT:	34
44012	16/4	798 10	Box,Pipe consisting of pcs.3x2"x21'-0",3x1"21'-0",3x1"x10'6"T.O.E.	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR THE PLANT	WEIGHT:	184
44012	18/4	798 10	Current Transformer, JKW-210, Cat. 75713068	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	158
44012	19/4	798 10	Current Transformer, JKW-200, Cat. 75713068	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	158
44012	20/4	798 10	Current Transformer, JKW-200, Cat. 75713068	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ELECTRIC FURNACE	WEIGHT:	158
44012	7/49	798 10	34.5 KV,200 KV Bil, Single Phase terminator and A5076-192 Area lug	JUDGEMENT:REV	APPLICABILITY:FUNDAMENTAL TO RUN ELECTRIC FURNACE	WEIGHT:	10
44012	8/49	798 10	34.5 KV,200 KV Bil, Single Phase terminator and A5076-192 Area lug	JUDGEMENT:REV	APPLICABILITY:FUNDAMENTAL TO RUN ELECTRIC FURNACE	WEIGHT:	10
44012	9/49	798 10	34.5 KV,200 KV Bil, Single Phase terminator and A5076-192 Area lug, 20 Galvanized Bolts,Nuts,Washers	JUDGEMENT:REV	APPLICABILITY:FUNDAMENTAL TO RUN ELECTRIC FURNACE	WEIGHT:	10
44057	32/3	938 10	55 Gallons Drums of Insulating oil GE A13A3A1 for FKA Circuit Breaker	JUDGEMENT:BAD	APPLICABILITY:USABLE IF CHECKED	WEIGHT:	855
44057	34/3	938 10	55 Gallons Drums of Insulating oil GE A13A3A1 for FKA Circuit Breaker	JUDGEMENT:BAD	APPLICABILITY:USABLE IF CHECKED	WEIGHT:	855
44057	35/3	938 10	55 Gallons Drums of Insulating oil GE A13A3A1 for FKA Circuit Breaker	JUDGEMENT:BAD	APPLICABILITY:USABLE IF CHECKED	WEIGHT:	415
44057	36/3	938 10	Terminator with Kit and Aerial Lug	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR PLANT	WEIGHT:	19
44057	37/3	938 10	Terminator with Kit and Aerial Lug	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR PLANT	WEIGHT:	19
44057	38/3	938 10	Terminator with Kit and Aerial Lug	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR PLANT	WEIGHT:	19
44057	4-5/	938 10	1 Lot, Hot Dip Galv.structural Steel	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR PLANT	WEIGHT:	320
44057	6/38	938 10	1 Lot Galv.Fasteners : Hexnuts for Bolts	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR PLANT	WEIGHT:	80

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINMENT RIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SMT. ITEM SHPR. DESCRIPTION

PACKING No	SMT.	ITEM SHPR.	DESCRIPTION	WEIGHT:	
44057	7/38	938 10	1 Lot Galv.Fasteners : HexHead for Bolts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR PLANT	96	
44057	8/38	938 10	1 Lot Galv.Fasteners : HexHead for Bolts JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR PLANT	67	
44057	9/38	938 10	1 Lot Galv.Fasteners : 385xHexHead for Bolts,20xHexnuts,650Washers JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR PLANT	82	
44058	1/10	958 10	Filter Reactor JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE FACILITY	1182	
44058	2/10	958 10	Filter Reactor JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE FACILITY	1182	
44058	3/10	958 10	Filter Reactor JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE FACILITY	1182	
44059	14/3	941 10	Battery Charger JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHERE	75	
44059	15/3	941 10	125V DC Battery,battery rack,lot of Accessories JUDGEMENT:REV APPLICABILITY:USABLE WITH BATTERY	362	
44059	16/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE EQUIPMENT	36	
44059	17/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE EQUIPMENT	36	
44059	18/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE EQUIPMENT	36	
44059	19/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR EQUIPMENT	36	
44059	20/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR EQUIPMENT	36	
44059	21/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR EQUIPMENT	36	
44059	22/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR EQUIPMENT	36	
44059	23/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR EQUIPMENT	36	
44059	24/3	941 10	34.5KV Base Insulators for Filter Reactors JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR EQUIPMENT	36	
44059	26-3	941 10	6xLightning Arresters,6xInsulating Bases,6xDischarge Counters JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE PLANT/USABLE ELSEWHERE	278	
44194	34/1	1133 11	7 1/2 KVA Mold Oscillator Isolation Transformer,400VPrimary,250VSecondary JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MOLD OSCILLATOR MOTOR/USABLE	77	
44194	35/1	1133 11	7 1/2 KVA Mold Oscillator Isolation Transformer,400VPrimary,250VSecondary JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR MOLD OSCILLATOR MOTOR/USABLE	77	
44194	36/1	1133 11	14 KVWithdrawal Straightener Isolation Transformer,400Vpri300Vsec JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR WITHDRAWAL MOTOR/USABLE	104	
44194	37/1	1133 11	14 KVWithdrawal Straightener Isolation Transformer,400Vpri300Vsec JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR WITHDRAWAL MOTOR/USABLE	104	
44194	36/1	1133 11	10' Check Valve JUDGEMENT:REV APPLICABILITY:SPECIFIC	289	
44198	1/49	1135 11	5 HP G.E. DC Mold Oscillator Motor, 240/150VDC, F-1 assembly JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	70	
44198	12/4	1135 11	5 HP Gearmotor S.O. No.10275472 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	204	
44198	13/4	1135 11	5 HP Gearmotor JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	172	

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	WEIGHT:	
44198	2/49	1135 11	5 HP G.E. DC Mold Oscillator Motor, 240/150VDC, F-1 assembly	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	WEIGHT:	70
44198	3/49	1135 11	5 HP G.E. DC Withdrawal straightener Motor, 240/150VDC, W-6 assembly	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	WEIGHT:	145
44198	4/49	1135 11	5 HP G.E. DC Withdrawal straightener Motor, 240/150VDC, W-6 assembly	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	WEIGHT:	145
44198	5/49	1135 11	5 HP G.E. DC Withdrawal straightener Motor, 240/150VDC, W-6 assembly	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	WEIGHT:	145
44198	6/49	1135 11	5 HP G.E. DC Withdrawal straightener Motor, 240/150VDC, W-6 assembly	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER/USABLE ELSE	WEIGHT:	145
44281		13	?	JUDGEMENT:DAB	APPLICABILITY:PARTIALLY VANDALIZED	WEIGHT:	
44335		13	?	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM	WEIGHT:	6045
44335		13	?	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM	WEIGHT:	
44335		13	?	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR MELT SHOP ELECTRIC SYSTEM	WEIGHT:	
44339		13	?	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR MELT SHOP	WEIGHT:	
44339		13	?	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR MELT SHOP	WEIGHT:	
44339		13	?	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR MELT SHOP	WEIGHT:	50 Cu.mt 23250 Kg

## 4.0/4.2 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:ROLLING MILL SYSTEM

PACKING No	SHT.	ITEM SHPN.	DESCRIPTION	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM/	WEIGHT:	
43693	46-4	617 6	Electric Components	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM	WEIGHT:	220
44194	28/1	1133 11	BUS DUCT (FOR SWITCHBOARDS)	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	213
44194	29/1	1133 11	BUS DUCT (FOR SWITCHBOARDS)	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	250
44194	30/1	1133 11	BUS DUCT (FOR SWITCHBOARDS)	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	1022
44194	31/1	1133 11	BUS DUCT (FOR SWITCHBOARDS)	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	127
44194	32/1	1133 11	BUS DUCT (FOR SWITCHBOARDS)	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	14
44194	33/1	1133 11	BUS DUCT (FOR SWITCHBOARDS)	JUDGEMENT:REV	APPLICABILITY:USABLE	WEIGHT:	1
44195	15/4	1134 11	FURNACES - 600 Volt fuses - Reliance (3xLESR-90+22xLESR-30+9xLESR-250+53xLESR-20+30xLESR-60+6xLESR-40)	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM/	WEIGHT:	28
44195	16/4	1134 11	FURNACES - 600 Volt fuses - Reliance (5xLESR-100+3xLESR-800+15xLESR-60+9xLESR-250+3xLESR-400)	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM/	WEIGHT:	30
44195	17/4	1134 11	FURNACES - 600 Volt fuses - Reliance (5xLESR-100+11xLESR-30+9xLESR-60+2xLESR-100+3xLESR-40+4xLESR-20+3xLESR-40)	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM/	WEIGHT:	9
44195	22-2	1134 11	FURNACES - SPARES, ELECTRIC	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM	WEIGHT:	7154
44195	36/4	1134 11	3x6" STD LR WELD 450 ELLS, 3"STD WELD TEES, 2x10", 3x10x8 X HEAVY CONCENTRIC REDUCERS, 4x 10" SCH 20 90	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM	WEIGHT:	1500

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEN SHPN. DESCRIPTION

PACKING No	SHT.	ITEN	SHPN.	DESCRIPTION	WEIGHT:	
44195	37/4	1134	11	12" X-HEAVY WELDS 90° ELLS JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM/	370
44195	38/4	1134	11	12" 150 FF WELD NECK FLANGES JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM/	340
44198	10-1	1135	11	TAG: Utility Piping/Overflow & Blowdown drains/Water Treatment-make Up seale Pit/Prod.Spray Booster Pum JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL	270
44198	23/4	1135	11	20' PIPE 12.75" ODx12" ID JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL/USABLE	530
44198	49/4	1135	11	Copper tubing 20'L:7x3",10x1",1x1 1/4",6x1/2" JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL	450
44198	7/49	1135	11	TAG: Water Treatment/Lamelga to cooling tower - 24X20 Std Conc.Weld Reducer JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL	73
44198	8-9/	1135	11	TAG:6" Mill Cooling Water supply/Service Water supply/Compressed Air/Pneumatic piping/Compressed air Pi JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL	270
44281			13	? JUDGEMENT:BAD	APPLICABILITY:PARTIALLY VANDALIZED	19475
44281			13	? JUDGEMENT:BAD	APPLICABILITY:PARTIALLY VANDALIZED	
44281			13	? JUDGEMENT:BAD	APPLICABILITY:PARTIALLY VANDALIZED	
44335			13	? JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM	
44335			13	? JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR ROLLING MILL ELECTRIC SYSTEM	
44339			13	? JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR ROLLING MILL	29 Cu. wt 32346 Kg

## 4.0/4.3 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:UTILITY ELECTRIC SYSTEM

				DESCRIPTION	WEIGHT:	
43432	10/1	474	5	Flow Indicator Switch JUDGEMENT:REV	APPLICABILITY:SPECIFIC	6
43432	11/1	474	5	Flow Indicator Switch JUDGEMENT:REV	APPLICABILITY:SPECIFIC	6
43432	12/1	474	5	Flow Indicator Switch JUDGEMENT:REV	APPLICABILITY:SPECIFIC	6
43923	38/4	690	9	FURNACES:Type CL-10DJ dynatrol Level Detector,tropicalized JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR APPLICATIO(CC?)	5
43923	39/4	690	9	FURNACES:Type CL-10DJ Dynatrol Level Detector,tropicalized JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR APPLICATIO(CC?)	5
44059	2/36	941	10	Magnetrol Displacer Type level control TAG:LCS/LSL-100 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CASTER	13
44059	3/36	941	10	Magnetrol Displacer Type level control TAG:LCS/LSL-100 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR CASTER	13
44059	4/36	941	10	Barrton Flow Indicating Switches TAG:FIS-1360 and 2360 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR MAGNETROL	28
44059	5/36	941	10	Orifice Plates as per Data Sheet IS-07-002 JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR MAGNETROL	2
44059	6/36	941	10	Magnetrol level Switch Model A-103 Tandem P/N B10-1K3A-BB JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR MAGNETROL	13
44195	10/4	1134	11	FURNACES - CLASS 17 STARTER PANEL + 1 INSTRUCTION MANUA. JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	24

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINORIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	WEIGHT:	
44195	11/4	1134 11	FURNACE - UNIVERSAL FLOW RATE INDICATOR/SWITCH LN-RSB100L-24-32V1.0-DWR JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	54
44195	12/4	1134 11	FURNACE - UNIVERSAL FLOW RATE INDICATOR/SWITCH LN-RSB100L-24-32V1.0-DWR JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	54
44195	13/4	1134 11	FURNACE - UNIVERSAL FLOW RATE INDICATOR/SWITCH WB10L-2-DWR JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	11
44195	14/4	1134 11	FURNACE - UNIVERSAL FLOW RATE INDICATOR/SWITCH WB30L-6-DWR JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	11
44195	2/44	1134 11	FURNACES - 1 COMBINATION STARTER (CHLORINATOR BOOSTER PUMP)+1 INSTRUCTION MANUAL JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	24
44195	3/44	1134 11	FURNACES - 1 COMBINATION STARTER (BURNT LIM SCREW FEEDER)+1 INSTRUCTION MANUAL JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	24
44195	4/44	1134 11	FURNACES - 1 COMBINATION STARTER (DEEP WELL PUMP #1)+1 INSTRUCTION MANUAL JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	132
44195	5/44	1134 11	FURNACES - 1 COMBINATION STARTER (DEEP WELL PUMP #2)+1 INSTRUCTION MANUAL JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	132
44195	6/44	1134 11	FURNACES - 1 COMBINATION STARTER (DUST FAN COLLECTOR)+1 INSTRUCTION MANUAL JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM/	WEIGHT:	157
44195	7/44	1134 11	FURNACES - CLASS 17 STARTER PANEL + 1 INSTRUCTION MANUAL JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	24
44195	8/44	1134 11	FURNACES - CLASS 17 STARTER PANEL + 1 INSTRUCTION MANUAL JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	24
44195	9/44	1134 11	FURNACES - CLASS 17 STARTER PANEL + 1 INSTRUCTION MANUAL JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR UTILITY MILL ELECTRIC SYSTEM	WEIGHT:	24
44335		13	? JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	923
44339		13	? JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	
44339		13	? JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	
				3 Cu.at	1715 Kg

## 4.0/4.4 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MISCELLANEOUS

43261	10/1	252 4	Chem.lab.Equipment JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	79
43261	7-8/	252 4	Chem.Lab. Materials JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	337
43261	9/10	252 4	Chem.lab.Equipment JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	106
43693	64/6	617 6	Control Valves:Make-up,EF Emergency,CC Spray,CC Mold JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR CONTINUOUS CASTER	WEIGHT:	172
43923	15/4	690 9	FURNACES-2x UE J6-224 attached to Zavoda steel Seal,Weksler AF02,Weksler AY14P JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	13
43923	16/4	690 9	FURNACES-4x UE J-286,UE J-270,21xWeksler JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	31
43923	40/4	690 9	FURNACES: SP-8 115/50/1 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	16
43923	41/4	690 9	FURNACES: SP-8 115/50/1 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	16
43923	42/4	690 9	FURNACES: SP-25 115/50/1 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	28



## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	WEIGHT:	
43923	43/4	690 9	FURNACES:SDP-24-CK5 1/BHP,860RPM,115/50/1 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	218	
43923	44/4	690 9	FURNACES:SDP-60,115/50/1 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	58	
43923	45/4	690 9	FURNACES:WL-60 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	3	
43923	46/4	690 9	FURNACES:WCSP,4x220/115 Transformer,2xMS-1 JUDGEMENT:GOOD APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	56	
44012	43/4	798 10	51D21127 A/C Unit JUDGEMENT:REV APPLICABILITY:CHECK FOR OTHER USES	54	
44012	44/4	798 10	51D21127 A/C Unit JUDGEMENT:REV APPLICABILITY:CHECK FOR OTHER USES	245	
44012	45/4	798 10	51D21127 A/C Unit JUDGEMENT:REV APPLICABILITY:CHECK FOR OTHER USES	245	
44012	46/4	798 10	51D21127 A/C Unit JUDGEMENT:REV APPLICABILITY:CHECK FOR OTHER USES	245	
44012	47/4	798 10	51D21127 A/C Unit JUDGEMENT:REV APPLICABILITY:CHECK FOR OTHER USES	245	
44012	48/4	798 10	51D21127 A/C Unit JUDGEMENT:REV APPLICABILITY:CHECK FOR OTHER USES	245	
44012	49/4	798 10	51D21127 A/C Unit JUDGEMENT:REV APPLICABILITY:CHECK FOR OTHER USES	245	
44057	23/3	938 10	Mark "K" Bush Co. Thru the Wall Ventilation Unit JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHERE	400	
44057	24/3	938 10	Mark "H" Bush Co. Thru the Wall Ventilation Unit JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHERE	250	
44057	25/3	938 10	Mark "M" MFA-10 Bush Co. Flange Adapter JUDGEMENT:REV APPLICABILITY:USABLE ELSEWHERE	57	
44058	4/10	958 10	Water System Control Panel JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE EQUIPMENT	408	
44060	5/16	943 10	Mark "M" MFA-10 Bush Co. Flange Adapter JUDGEMENT:REV APPLICABILITY:SPECIFIC	57	
44060	7/16	943 10	Dwg.LF-31-1 Melt shop offices,LF-31A-1 Maint.Shop Trans Vault,P-8440Ps Dwg.40536X24 Melt Shop Trans Vau JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	230	
44194	1-2/	1133 11	Chemistry Equipment and Materials JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	1329	
44194	11-1	1133 11	Chemistry Equipment and Materials JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	103	
44194	17/1	1133 11	10-04 Fire Blanket JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	10	
44194	18/1	1133 11	01-994-100 Balance table 35Wx24Dx31H JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	277	
44194	19/1	1133 11	Chemistry Equipment and Materials: JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	66	
44194	20/1	1133 11	Chemistry Equipment and Materials:Glass Tubing JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	66	
44194	21/1	1133 11	Chemistry Equipment and Materials:MUF Furnace,Ladder Safety Rubber JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	34	
44194	22/1	1133 11	Chemistry Equipment and Materials:Tubing Assorted,Glass Rod JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	28	
44194	23/1	1133 11	Chemistry Equipment and Materials:Still MP-6A.. JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	28	

## TEAM GROUP ASSESSEMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

PACKING No	SHT.	ITEM	SHPN.	DESCRIPTION	WEIGHT:	
44194	24-2	1133	11	Chemistry Equipment and Materials: JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	WEIGHT:	68
44194	26/1	1133	11	Chemistry Equipment and Materials:10-014-B Fire Extinguisher CO2 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	WEIGHT:	18
44194	3-4/	1133	11	Chemistry Equipment and Materials JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	WEIGHT:	50
44194	5-6/	1133	11	Chemistry Equipment and Materials JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	WEIGHT:	91
44194	7-8/	1133	11	Chemistry Equipment and Materials JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	WEIGHT:	86
44194	8-9/	1133	11	Chemistry Equipment and Materials JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR LABORATORIES/USABLE IN OTHER	WEIGHT:	103
44198	15/4	1135	11	6-8AW, 6-HB810L-2250, 6-HB20L, FHM75 (DATA SHEET 1) JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	338
44198	16/4	1135	11	6xGHB7000-L, 6xFHM75, 2xGH710LRB, 2xGHB7000SC, 19xFHM75, 20x6-7AW, 20xGHB7000L, 20xFHM75, 5x67AW, 5xGH710LRB, JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	113
44198	17/4	1135	11	2x6-7AW, 2x6-HB7000L, 6x6-7AW, 19x6-7AW, 19xq-HB7000L JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	77
44198	18/4	1135	11	48x6-LU1000, 75x6-LU400 JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	45
44198	19/4	1135	11	20x6-AM775L2250PR, 20x6-1PC JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	331
44198	20/4	1135	11	3x6AM775L2250PR, 3x6-1PC, 10x6-AM775L2250PR, 10x61PC, 5x615L2250-10C, 2x6-15L2250-10C JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	363
44198	21/4	1135	11	20x6-HB710L-2250, 19xHB710L-2250, 6xHB710L-2250 JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	506
44198	28/4	1135	11	1xLyon Work Bench 72"x34", 4xLyon Work Bench 72"x28" JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	60
44198	29/4	1135	11	12x5052-3 Lyons Lockers Gray (120-R063), 1x145 Milwaukee Bench Wise(120-R063), 2xLyon Work Bench (120-R063) JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	60
44198	30/4	1135	11	12xLyon Bar rack, 1xLyon Bar End rack, 1xProto CST-6XHD Repair Set, 2xDrill Bit Set, 1xTaper Shank Drill s JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	55
44198	31/4	1135	11	2xsets Proto combination Wrenches, 2xsetsProto square drive Wrenches, 26xProto Screwdriver JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	60
44198	48/4	1135	11	10-004 Fire Blanket JUDGEMENT:REV APPLICABILITY:USABLE	WEIGHT:	12
44339		13		? JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	2022
44339		13		? JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	56 Cu.mt 10508 Kg

## 5.0/5.1 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:GAS CLEANING SYSTEM

PACKING No	SHT.	ITEM	SHPN.	DESCRIPTION	WEIGHT:	
44058	5/10	958	10	1x509SN384 Electric Motor, Emission Control System I.D. Fan Motor JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR THE PLANT/USABLE ELSEWHERE	WEIGHT:	1501
44058	9/10	958	10	Expansion Joint Per Effox drawing EX-11020-1,-2 JUDGEMENT:REV APPLICABILITY:TOOL MACHINE/USABLE IF ASSEMBLED	WEIGHT:	338
44194	37/1	1133	11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	20
44194	39/1	1133	11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	20

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	WEIGHT:	
44194	40/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	41/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	42/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	43/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	44/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	45/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	46/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	47/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	48/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	49/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	50/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	51/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	52/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	53/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	54/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	55/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	56/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	57/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	58/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	59/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	60/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	61/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	62/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	63/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	64/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	65/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINMENT RTRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPH. DESCRIPTION

PACKING No	SHT.	ITEM SHPH.	DESCRIPTION	WEIGHT:	
44194	66/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	67/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	68/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	69/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	70/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	71/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	72/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	73/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	74/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	75/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	76/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	77/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	78/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44194	79/1	1133 11	Baghouse Filter Bags JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	20	
44198	14/4	1135 11	Steel Parts for Rotary Blower-Steel: 1-600 RTF SWSI WHEEL (Design 18),2-BEARINGS-SAF22522 (3 15/16"),2 B JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR BLOWER	561	
44198	25/4	1135 11	2xMorris Model 3 HSU Submersible Pump serial.N27580-1,2xWarrick Model Moisture Detector,2xSquare D 9038 JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	341	
44198	26/4	1135 11	50 HP, 1500RPM, 1.15 SERVICE FACTOR,3 PHASE 50 HERTZ,380 VOLT ELECTRIC MOTOR (FOR BVJC18, M-27436-7) JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM/USABLE EL	195	
44198	27/4	1135 11	50 HP, 1500RPM, 1.15 SERVICE FACTOR,3 PHASE 50 HERTZ,380 VOLT ELECTRIC MOTOR (FOR BVJC18, M-27436-7) JUDGEMENT:REV APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM/USABLE EL	195	
44198	32/4	1135 11	1 CD 50 50 lbs CO2 Mobile Wheeled engine Fire Extinguisher JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	363	
44198	33/4	1135 11	BISA 150 lbs ABC Mobile Wheeled Engine Fire Extinguisher JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	363	
44198	34/4	1135 11	30x 20MBC/CO <sup>2</sup> 20 lbs ABC Fire Extinguisher w/Bracket JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	225	
44198	35/4	1135 11	Fire extinguishers:15x5MBC/30 5lbs ABC,7x10MBC/CO <sup>2</sup> 10 lbs,1x20MBC 20 lbs ABC JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	135	
44198	42/4	1135 11	1x150 CO2 Fire Extinguisher Badger Isha JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	29	
44198	43/4	1135 11	1x150 CO2 Fire Extinguisher Badger Isha JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	29	
44198	44/4	1135 11	1x150 CO2 Fire Extinguisher Badger Isha JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	29	
44198	45/5	1135 11	1x150 CO2 Fire Extinguisher Badger Isha JUDGEMENT:REV APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	29	

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAORIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPN. DESCRIPTION

44281	13	?	JUDGEMENT:BAD	APPLICABILITY:PARTIALLY VANDALIZED	WEIGHT:	159
44335	13	?	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	16 Cu.mt 5350 Kg

## 5.0/5.2 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:OXYGEN SYSTEM

44059	12-1	941	10	Tank Fittings (Box A), Regulator Station,Transport Unload station,Pump and meter Assembly,truck unload	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR APPLICATION	WEIGHT:	231
44194	80/1	1133	11	Oxygen System Equipment and Materials:Thermax Vaporizer,Spare Springs,Hastings Gauge,Spare part Kits,	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	772
44194	81/1	1133	11	Oxygen System Equipment and Materials:Thermax Vaporizer (Item 5)	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	726
44194	82/1	1133	11	Oxygen System Equipment and Materials:Vaporizer System (Except Thermax Vaporizers)	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	100
44194	87/1	1133	11	2 1/2"Diax50' Long fire Hose	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	16
44194	88/1	1133	11	2 1/2"Diax50' Long fire Hose	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	16
44194	89/1	1133	11	2 1/2"Diax50' Long fire Hose	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	16
44194	90/1	1133	11	2 1/2"Diax50' Long fire Hose	JUDGEMENT:REV	APPLICABILITY:SPECIFIC/USABLE	WEIGHT:	16
44195	28/4	1134	11	2 1/2" Model 75-V Valves w/cap & Chain	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	17
44195	29/4	1134	11	2 1/2" Model 75-V Valves w/cap & Chain	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	18
44195	30/4	1134	11	Laterals 4"x2 1/2"x2 1/2"	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	18
44195	31/4	1134	11	Laterals 4"x2 1/2"x2 1/2"	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	18
44195	32/4	1134	11	2 1/2" Model 75-V Valves w/Cap & Chain	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR GAS CLEANING SYSTEM	WEIGHT:	18
44198	24/4	1135	11	PARTS FOR AL-JDN (1x2340 TORQUE HUB S/N 358101,1x2007 "C" HYDRAULIC BRAKE)	JUDGEMENT:REV	APPLICABILITY:SPECIFIC	WEIGHT:	726 16 Cu.mt 2710 Kg

## 5.0/5.3 INFRASTRUCTURAL AND OTHER EQUIPMENT:MOBILE EQUIPMENT

43693	63/6	617	6	Filters,Cleaners,Cartridge	JUDGEMENT:REV	APPLICABILITY:SPECIFIC FOR MOBILE EQUIPMENT	WEIGHT:	79
43923	13/4	690	9	FURNACES-Wilden Puaps, Heavy duty,air operated air diaphragm unit	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC/USABLE ELSEWHERE	WEIGHT:	92
43923	14/4	690	9	FURNACES-18xfilters,2 sm.Pintle Hook,W.C.Bas Assy,H.D.Controller,Sealed truck Harness,Seal Bas,Sealed	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC FOR TRUCK	WEIGHT:	49 3 Cu.mt 220 Kg

## 5.0/5.4 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MISCELLANEOUS

43923	10/4	690	9	FURNACES-Counterweights	JUDGEMENT:GOOD	APPLICABILITY:SPECIFIC	WEIGHT:	74
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## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

## PACKING No SHT. ITEM SHPM. DESCRIPTION

PACKING No	SHT.	ITEM SHPM.	DESCRIPTION	JUDGEMENT	APPLICABILITY	WEIGHT
43923	11/4	690 9	FURNACES-2xCollector tubes,3xPulley Rim Scrapers,6xCeramic Wear Piece,12xCeramic Fingers	GOOD	SPECIFIC	9
43923	5/48	690 9	FURNACES-Oil skimmer,Motor,terminal Box,Safety cover	GOOD	SPECIFIC	36
43923	6/48	690 9	FURNACES-Trunnion,Spout,Rod&Leg Assy...	GOOD	SPECIFIC	40
43923	7/48	690 9	FURNACES-Mast Drain Connection	GOOD	SPECIFIC	7
43923	8/48	690 9	FURNACES-Aluminum Boom	GOOD	SPECIFIC	33
43923	9/48	690 9	FURNACES-Counterweights	GOOD	SPECIFIC	74
44012	1-3/	798 10	Ang.,Assy,Bar,Cstg,Dwg,Grdr,Mtr,Pln,Plt,PVCSht,Screen,ShafDrv,Sht..	REV	SPECIFIC FOR THE PLANT	4919
44012	4/49	798 10	SHT 146AX15..(Item No.150),SHT 126AX9..(Item No.151)	REV	SPECIFIC FOR THE PLANT	43
44012	5/49	798 10	ASSY LADDER ALUM (Item No.12)	GOOD	MAY BE USED	32
44059	26-3	941 10	ANG,ASSY,BAR,BOLT,CASTING,FTG,6SKT,NOZZLE,NUT,SCREEN,SHT,PIN,PIPE,PLT	REV	SPECIFIC AND VERY DIFFICULT TO FIN APPLIC	3647
44060	1/16	943 10	Mayfran Tank Mounted Drag Conveyor,Uncrated,Fully assembled	REV	SPECIFIC	3200
44060	12/1	943 10	Dome neck and cover,Elbow, PipesBolt,gasket strip	REV	SPECIFIC	386
44060	13/1	943 10	Caucking Cartridge, White acrylic TU,base TU, Poxy gray TU,Catalist TU..	REV	SPECIFIC	873
44060	14/1	943 10	Outlet cone,Seg Hopper,Poke Hole Cover,Hopper Trans,Splice Compression Bar	REV	SPECIFIC	873
44060	15/1	943 10	SEG Deck plain,28 HL,Stub Nuts	REV	SPECIFIC	873
44060	16/1	943 10	Stave	REV	SPECIFIC	873
44060	8/16	943 10	Stringer ladder,Bar Cage,hoop,Angle,..	REV	SPECIFIC	872
44060	9-11	943 10	Angle coluan Support,Post Handrail,Midrail,Toeboard,Ladder Stringer,Lock washer,Fillet Gaskets,Bolts	REV	SPECIFIC	872
44065	1/18	962 10	Morris 8VJC-10 vertical Cantilevered Pump,serial No.M27436 of cast iron,complete with motor support	REV	SPECIFIC FOR THE PLANT/USABLR ELSEWHERE	2220
44065	2/18	962 10	Morris 8VJC-10 vertical Cantilevered Pump,serial No.M27436 of cast iron,complete with motor support	REV	SPECIFIC FOR THE PLANT/USABLR ELSEWHERE	2220
44065	3/18	962 10	Morris 8VJC-10 vertical Cantilevered Pump,serial No.M27436 of cast iron,complete with motor support	REV	SPECIFIC FOR THE PLANT/USABLR ELSEWHERE	2220
44065	4/18	962 10	3xMotor half V Belt Drive,3xBelt Guard,9xBelts	REV	SPECIFIC FOR THE EQUIPMENT	245
44065	5/18	962 10	Flange,2xPipe,Reducer,Dridge Sleeve	REV	SPECIFIC FOR THE EQUIPMENT	771
44122	1/1	1038 10	10000 Gallons water cap.propane storage vessel	REV	USABLE ELSEWHERE,CONTAINER WIDE,VESSEL STO	7575
44234	1-5/	1138 10	Bolted Steel Tank, 125000 Gallons, 29' 8 5/8"x24' 1 1/2" High	REV	NO MATCH IN TANK DIMENSION WITH PACKING LI	15454
44281		13	?	BAD	PARTIALLY VANDALIZED	

TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

LIST OF EQUIPMENT CONTAINAIRIZED RETRIEVED IDENTIFIED AND JUDGED

PACKING No SHT. ITEM SHPH. DESCRIPTION

PACKING No	SHT.	ITEM SHPH.	DESCRIPTION	WEIGHT:	
44335	13	?	JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	2061
44335	13	?	JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	
44335	13	?	JUDGEMENT:REV APPLICABILITY:SPECIFIC	WEIGHT:	
44339	13	?	JUDGEMENT:GOOD APPLICABILITY:SPECIFIC	WEIGHT:	
				209 Cu.mt	50530 Kg
				19456 Cu.mt	711510 Kg

## LIST OF EQUIPMENT NOT RETRIEVED OR NOT IDENTIFIED

PACKING No SHT. ITEM SHPM.

				0 Cu.ft	Kg
<b>1.0/1.1 STRUCTURAL STEEL AND PRE-FABRICATED BUILDINGS AND SERVICES:MILL BUILDING SYSTEM</b>					
43830	1/1	942	7	8940-...-L67 ASCD automatic Transfer switch	6 Cu.ft 581 Kg
<b>1.0/1.3 STRUCTURAL STEEL AND PRE-FABRICATED BUILDINGS AND SERVICES:MISCELLANEOUS</b>					
43203	1/1	247	6	7x40'x100'Griffolin T55 B/W Rip Proof Plastic Fiber,2xWhite Griff Tape 4"x180' Tape,2xBag of Griff Clip	3 Cu.ft 345 Kg
<b>2.0/2.1 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:OVERHEAD CRANE HANDLING SYSTEM</b>					
42949	1/1	83	3	Alloy Scales:2xPlatforms,2xDigital Indicators,2xConst.Voltage Transformers,Box	
42949	1/1	83	3	2xPlatform,2xDigital indicator,2xVoltage Transformers,Box w/Manuals and Cables	
43103	1/4	237	2	10 Ton Capacity Trolley w/Mech.equipm.,Brake rectifier Panel,Trolley Wires	
43103	2/4	238	2	End trucks w/ Wheels,axles,Half Coupling,Bumpers	
43103	3-4/	239	2	Crane Components and Materials	
43104	1/2	240	2	Girder,Rolley Feeder Festoon Track w/Terminal Box Brkts	
43104	2-3/	241	2	Girder w/Ele.Control & Wiring.,4xsection Pushbutton Festoon track,4xangle Braces,Festoon Supp.Brkt,Har	
43573	1/4	564	6	Floor Housing,consisting of 2 Digital Indicators	
43573	2/4	565	6	Printer.Transformers,indicator,splice box,Cable,Shear Beans,Bearing Kits	
43573	3/4	566	6	Deck Timbers	
43573	4/4	567	6	Deck Timbers	
43574	1/5	568	6	10'x10' Platform Scale	
43574	2/5	569	6	10'x10' Platform Scale	
43574	3/5	570	6	Section of WeighBridge	
43574	4/5	571	6	Section of WeighBridge	
43574	5/5	572	6	Miscellaneous Pieces for Weighbridge & Scale	
43709-C	6/6	622	10	Enclose Cab Assembly,3xSealtite flexible conduits and fittings to connect cab to bridge	172 Cu.ft 48741 Kg
<b>2.0/2.2 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:CONTINUOUS CASTING SYSTEM</b>					
43601	1/10	590	6	Tundish,Laundry	
43601	2/10	591	6	Storage Stand,Heater,Large Heat Shield,Upper Mold Cover	
43601	3/10	592	6	Storage Stand,Large Heat Shield,Upper Mold Cover	
43601	5/10	594	6	Tundish,Laundry	
43601	6/10	595	6	Tundish,Laundry	
43601	7/10	596	6	Tundish,Laundry	
43601	8/10	597	6	Tundish,Laundry	
43601	9/10	598	6	Tundish,Laundry	
43904	1/28	728	10	1350xWashers,771xBolts&Nuts,16xflats,2xround,4xUBolts,14xgaskets	
43904	2/28	729	10	770xBolts&Nuts,105xWashers,70xNuts	
43904	3/28	730	10	705xBolts&Nuts,10xBolts	
43950	1-2/	765	10	Cross Transfer #60 (174 Pcs)	
43950	3-7/	766	10	Box Spare Parts (1405 Components),Runout Table (658 Pcs.),Pneumatic Piping (26 Pcs),Cross Transfer #60	89 Cu.ft 20515 Kg



## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT RETRIEVED OR NOT IDENTIFIED

## PACKING No SHT. ITEM SHPN. Snap Shear

## 2.0/2.3 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:ROLLING MILL SYSTEM

42940	1/4	78	3	Snap Shear Assy:Limit Switch Item 26,Vertical looper Assy
42940	3/4	80	3	300 Ton Cold Shear:Rotatong Cam Limit Switch,AC Electric Motor 30 HP
42940	4/4	81	3	Trough
42966	1/3	148	3	Control Enclosure,Modular w/:5HP Speed Stator,10HP Speed Stator,15P Speed Stator,2x300HP Speed Staor VI
42966	2/3	149	3	2x300 HP Speed Stat VI(Finishing Mill Main Drive),2x300HP Speed Stat VI(Rod Mill Main Drive)
42966	3/3	150	3	12xHot metal Detector Sensing Heads,Optical Position Scan Head
42982	2/3	154	3	280 mm Mill Runout Table 3x8HP AC motors,Diverter
43066	4/4	164	2	Power Supply Speed Stat III--(Shear)
43068	5/8	169	2	Model 5CB224TAB15B001 CD508AY 300 HP:340mm Intermediate Mill Main Drive
43068	6/8	170	2	Model 5CB224TAB15B001 CD508AY 300 HP:340mm Intermediate Mill Main Drive
43068	7/8	171	2	Model 5CB224TAB15B001 CD508AY 300 HP:340mm Intermediate Mill Main Drive
43068	8/8	172	2	Model 5CB224TAB15B001 CD508AY 300 HP:340mm Intermediate Mill Main Drive
43069	3/3	178	2	Crop and Cobble Disposal System
43081	16/2	205	2	330 KVA Isolation Transformer,600/460/3/50,340mm Mill Main Drive
43081	17/2	206	2	330 KVA Isolation Transformer,600/460/3/50,340mm Mill Main Drive
43081	2/20	191	2	330 KVA Isolation Transformer,600/460/3/50,250mm Mill Main Drive
43081	20/2	209	2	11 KVA Isolation Transformer,14KVA Isol.Transformer,7-1/2 Isol.Transformer,40KVA Isolation Transformer
43081	4/20	193	2	330 KVA Isolation Transformer,600/460/3/50,280mm Mill Main Drive
43081	5/20	194	2	330 KVA Isolation Transformer,600/460/3/50,280mm Mill Main Drive
43082	3-4/	189	2	Materials and Components
43085	1/4	212	2	4x300HP Speed Stat VI,460 Volts-340mm Mill Main Drive
43085	2/4	213	2	2x300HP Speed Stat VI(340mm Mill),7-1/2HP Speed Stat,Control Enclosure
43085	3-4/	214	2	10XTachometers,4xNEMA Enclosures containing Motor Watchmen
43087	1/1	215	2	Cooling Bed Runout Table Assy.sec.4,7,6xAprons
43089	2/3	227	2	36xRollers,19x6ib Keyr,11xFoundation Plate,36xInduction Motors0.17/0.8HP
43208	1/3	253	5	430 HP Speed-Stat VI,60 Volts 430mm Mill Main Drive
43208	2/3	254	5	20 HP,50 HP,15 HP,20 HP,15 HP Speed Stat
43208	3/3	255	5	15 HPSpeed-Stat,1 1/2 HP Motor
43222	1/2	256	5	Balancing Arbor,Edges,Hubs,Grinding Wheels,Lathe Templates,Adapters for Rolls,spacer for Rolls,Roll Lat
43222	2/2	257	5	Loop Conveyor,Down ender&Bundle holder,Coil Conveyor
43223	1/2	258	5	Loop Coveyor (front and Center Sections)
43223	2/2	259	5	Coil collecting statio,Coil Push off,Hydraulic Power unit,Brackets with gear reducer and 5Hp Motor for
43437	2/3	477	6	AC MCC #1(Bar Mill Cntrl,Rod Mill Cabinet,Bar Mill Cabinet,Alarm eqpnt.,Motor Fan Blade
43437	3/3	478	6	AC MCC #1 Bar mill Control,AC MCC #2 Rod Mill Control
43527	1/2	533	6	Combination Drive (Half Coupling,Tach.Generator,Tach.coupling)
43528	2/2	536	6	Combination Drive (Half Coupling,Tach.Generator,Tach.coupling)
43671	1/2	610	6	340mm Vertical intermediate Mill(#8 Stands),Box,7xDC Tach Generators,Spindles and Couplings,Comb.Drive
43673	1/2	612	6	340mm Vertical intermediate Mill(#6 Stand),Box,Spindles and Couplings,Comb.Drive and Pinion Stand
43817	1/3	662	9	Rolling Mill Machinery-3xCover complete,Bottom cover,Base
43817	2-3/	663	9	Rolling Mill Machinery-Bar & Rod Mill-Exhibit "B" Spares
43877	1/1	689	9	Rolling Mill Machinery-3xVertical Mill Housing Asseably,3xBase Water Cooling Piping

329 Cu. wt 137156 Kg

## 2.0/2.4 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:MISCELLANEOUS

43357	3/5	266	5	Components & Materials for Furnace
43722	5/5	631	9	SCR Control Board with Fuses
43783	1/3	655	9	FURNACES-6770 Gallon Water Tank

44 Cu. wt 6616 Kg

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT RETRIEVED OR NOT IDENTIFIED

PACKING No SHT. ITEM SHPN. Water Coole

## 3.0/3.1 INDUSTRIAL FURNACES AND OVENS AND SERVICES:ELECTRIC FURNACE SYSTEM

42756	7/12	7	1	Water Cooled Door Lintel		
42817	8/11	21	1	Side Channel 12"x20"		
43100	2/3	243	5	Transformer (Frame) Parts Items 4,5,6&7		
43108	3/3	244	5	Transformer (Details) Parts Items 3,8,19,20,45,47,48&50		
43348	1/4	267	5	FURNACES:Tilt Control Stands		
43357	4/5	264	5	3xReduction Units,18xHex bolts,5/8" dia Wire rope		
43357	5/5	265	5	Materials and Components for Fce		
43409	1/8	582	6	Tapping Spout Assy		
43811	1/2	658	9	FURNACES-Regulator Panel		
43811	2/2	659	9	FURNACES-Furnace Control Panel,Roof Stand Control Panel,Tilt Stand Control Panel	48 Cu.ft	9013 Kg

## 3.0/3.2 INDUSTRIAL FURNACES AND OVENS AND SERVICES:REHEAT FURNACE SYSTEM

43094	2/5	230	2	Robinson Booster Fan w.Filter,15HP Motor		
43484	4-5/	531	6	Frnce Materials and Components		
43609	3/8	586	6	Billet reheat Furnace. Pusher table Hydraulic Cylinder		
43609	5/8	588	6	22" Air Header Assy		
43609	7-8/	584	6	Garlock Full Face Gaskets W/Holes,Garlock Ring Gaskets		
43649	6/8	604	6	Charge end door sill assy		
43721	1/3	626	9	FURNACES-Roof Panel,Burner Wall assy,Roof Panel Assy,14xRoof Panel Walkway Grating,Platform Panel "B"		
43722	2-4/	629	9	FURNACES-Roller Conveyor Assy,.....		
43758	5/11	648	9	FURNACES-Racine hydraulic Power Unit,Cross Port Relief Valve,Holding Valve,Delta Flow Divider, WSI Roll		
43758	6-11	649	9	FURNACES-Pilot piping assy & components ...		
43783	3/3	653	9	FURNACES-Crossover Walkway Assy "A"		
43784	1/2	652	9	FURNACES-Discharge Peel entry Door assy,Furnace Door Drive assy,....	88 Cu.ft	23772 Kg

## 4.0/4.1 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MELT SHOP ELECTRICS

43816	1/1	661	10	Cabinet containing series 6 Programmable Control	4 Cu.ft	862 Kg
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## 4.0/4.2 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:ROLLING MILL ELECTRIC SYSTEM

43947	1/2	1124	11	400 V and 600 V unit substation parts: 3000 KVA Transformer	25 Cu.ft	7770 Kg
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## 4.0/4.3 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:UTILITY ELECTRIC SYSTEM

43374	2/2	373	5	8" Maxia M41 E ist System Silencer	2 Cu.ft	170 Kg
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## 4.0/4.4 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MISCELLANEOUS

43260	1/1	251	5	Anhydrene 1 Lb Box No.4		
43273	1/1	252	5	Ascarite	0 Cu.ft	320 Kg

## 5.0/5.3 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MOBILE EQUIPMENT

## TEAM GROUP ASSESSEMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT RETRIEVED OR NOT IDENTIFIED

## PACKING No SHT. ITEM SHPN. Clark Fork

PACKING No	SHT.	ITEM	SHPN.	Clark Fork
42920	1/2	50	3	Clark Fork Truck Model C500 YS2000
42920	2/2	51	3	Forks
43054	1/1	160	2	1100 AI-JON Hidrostatic Loader w/Engine Puller,Fork Assy,435 T,...
43530	1/2	540	6	Fork truck Lifting attachment
43530	2/2	541	6	Fork truck Lifting attachment
43531	1/1	542	6	2 Cubic Yard conveying and Dredging Buckets with Hinged Lid and Collar
43531	1/2	543	6	2 Cubic Yard conveying and Dredging Buckets with Hinged Lid and Collar
43531	1/3	544	6	2 Cubic Yard conveying and Dredging Buckets with Hinged Lid and Collar
43531	1/4	545	6	2 Cubic Yard conveying and Dredging Buckets with Hinged Lid and Collar
43532	1/1	546	6	Coil Handling Forks Pair
43566	1/6	558	6	Scrap Grabber (Boom Section,Boom Cylinder)
43566	2/6	559	6	Arm Section for Scrap Grabber
43566	3/6	560	6	Elevated Cab for Scrap Grabber
43566	4/6	561	6	Counterweight for Scrap Grabber
43566	5/6	562	6	Tip Section for Scrap Grabber
43567	1/6	552	6	Scrap Grabber (Boom Section,Boom Cylinder)
43567	2/6	553	6	Arm Section for Scrap Grabber
43567	3/6	554	6	Elevated Cab for Scrap Grabber
43567	4/6	555	6	Counterweight for Scrap Grabber
43567	5/6	556	6	Tip Section for Scrap Grabber
43567	6/6	557	6	Step Weldment,Platform,ladder
43579	1/1	573	6	Flat bed Trailer

493 Cu.mt 106867 Kg

## 5.0/5.4 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MISCELLANEOUS

PACKING No	SHT.	ITEM	SHPN.	Clark Fork
43612	1/1	601	8	FURNACES-Scrap Grapples:2xMulticylinder scrap Grapple,2xMagnet Adapter

8 Cu.mt 1787 Kg

1309 Cu.mt 364515 Kg

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT RETRIEVED OR NOT IDENTIFIED

PACKING No SHT. ITEM SHPM.

			0 Cu.mt	Kg
<b>2.0/2.1 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:OVERHEAD CRANE HANDLING SYSTEM</b>				
43980	1-2/ 1057 11	SHOP CRANE:LITES,CABLES,PLATES,CLAMPS,BOLTS,COLLECTORS,STOPS,NUTS,FITTINGS..		
43980	1-2/ 1057 11	SHOP CRANE:LITES,CABLES,PLATES,CLAMPS,BOLTS,COLLECTORS,STOPS,NUTS,FITTINGS..	3 Cu.mt	2728 Kg
<b>2.0/2.2 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SYSTEMS:CONTINUOUS CASTING SYSTEM</b>				
43951	3-4/ 762 10	TORCH APPROACH TABLE #50,WATER PIPING #72	22 Cu.mt	3304 Kg
<b>2.0/2.3 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SYSTEMS:ROLLING MILL SYSTEM</b>				
44056	1/1 937 10	Gear Reducer,3xOil seal CR Industries #6294DCRW1	0 Cu.mt	90 Kg
<b>3.0/3.1 INDUSTRIAL FURNACES AND OVENS AND SERVICES:ELECTRIC FURNACE SYSTEM</b>				
43960	1/1 767 10	Phase terminal Support Brkt,Studs,Transformer Wall Backup Plates,...	10 Cu.mt	2425 Kg
<b>4.0/4.1 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:MELT SHOP ELECTRIC SYSTEM</b>				
43983	1/2 1136 11	CASTER ELECTRIC PARTS:2x 10HP Speed Stat VIR,230V Withdrawal Straightener,4xG.E.,Type DB-40 Straightener		
43990	1/4 1031 11	KV Main Substation:Capacitor Racks with Capacitors		
43990	4/4 1037 11	KV Main Substation:1 Lot of Aluminum Rods and Tubes		
44061	1/2 956 10	3x1/c 2/0 AWG (Triplexed) Electrical Cable	24 Cu.mt	4443 Kg
<b>4.0/4.1/ ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:ROLLING MILL AND MELT SHOP ELECTRIC SYSTEM</b>				
43965	1/3 1129 11	LIGHTING FIXTURES:6-PRTH-39-6AL		
43965	2/3 1130 11	LIGHTING FIXTURES:6-PRTH-39-6AL		
43965	3/3 1131 11	LIGHTING FIXTURES:4x6-PRTH-39-6AL,5x6-PB-2-6AL,11x6-PWB-1-6AL,68xANCHOR BOLTS AND TEMPLATE,17xHANDHOLE	23 Cu.mt	2745 Kg
<b>4.0/4.2 ELECTRIC AND CONTROL EQUIPMENT AND SERVICES:ROLLING MILL ELECTRIC SYSTEM</b>				
44109	17 1127 11	400Volt Power Equipment Parts:2xITE CDP7 Circuit Breaker Panel Board,2xITE Fusible Switchboard,2xITE F		
44109	2/2 1128 11	400Volt Power Equipment Parts:4xITE Fusible Switchboard,1xITE Fusible Distribution Panel	33 Cu.mt	4055 Kg
<b>5.0/5.4 INFRASTRUCTURAL AND OTHER EQUIPMENT AND SERVICES:MISCELLANEOUS</b>				
44000	2/5 793 10	Lower Cone section		
44000	3/5 794 10	Leg Assemblies Skidded & Bedded		
44000	4/5 795 10	Upper Cone Section		
44000	5/5 796 10	Pieces Iron angles Skidded & Banded		

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT RETRIEVED OR NOT IDENTIFIED

## PACKING No SHT. ITEM SHPN. Lamella Pla

44033	6/6	844	10	Lamella Plates		
44053	1/1	912	10	GALLON PVC ADHESIVE-QUART CONTAINERS-TETRAHYDROFURAN..		
44130	2/2	1053	11	Radial Drill and Band Saw:metal Cutting Bank Saw machine & Others		
44146	10/1	1102	11	Water Storage Tank Parts:2Pcs.Cap,2Pcs.Bottom Saucer		
44146	12/1	1104	11	Water Storage Tank Parts:12Pcs.Bottom Segments		
44146	14/1	1106	11	Water Storage Tank Parts:1Pc.Roof Vent		
44146	3-4/	1096	11	Water Storage Tank Parts:Box (Clevises,Clips,Pipes,LadderBrace,...168Pcs.)		
44146	5/14	1097	11	Water Storage Tank Parts:9Pcs.Pipe		
44146	6/14	1098	11	Water Storage Tank Parts:8Pcs.Stay Rods,4Pcs.Struts,5Pcs.Ladder,7Pcs.Safety Rail		
44146	7/14	1099	11	Water Storage Tank Parts:Pc.Riser		
44146	8/1	1100	11	Water Storage Tank Parts:Pc.Top Riser with Ladder		
44146	9/14	1101	11	Water Storage Tank Parts:16Pcs.Brace Rods		
					117 Cu.et	17196 Kg
					232 Cu.et	36987 Kg

## TEAM GROUP ASSESSMENT OF MINI MILL STEEL EQUIPMENT STORED IN EPE NIGERIA

## LIST OF EQUIPMENT NOT RETRIEVED OR NOT IDENTIFIED

## PACKING No SHT. ITEM SHPN. Bar &amp; Rod M

-----  
2.0/2.3 MECH.,CRANE,CASTING,ROLLING MILL EQUIPMENT AND SERVICES:ROLLING MILL SYSTEM  
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43431	2/2	475	5	Bar & Rod Mill Central lubrication System:3000 Gallon Oil reservoir for Underground Service	21 Cu.mt	1254 Kg
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3.0/3.1 INDUSTRIAL FURNACES AND OVENS AND SERVICES:ELECTRIC FURNACE SYSTEM  
-----

44003-B	10/1	1092	11	FURNACES - UFALA (95x(13 1/2x6x3 STR)+138x(9x4 1/2x3 No3Arch))	1 Cu.mt	1467 Kg
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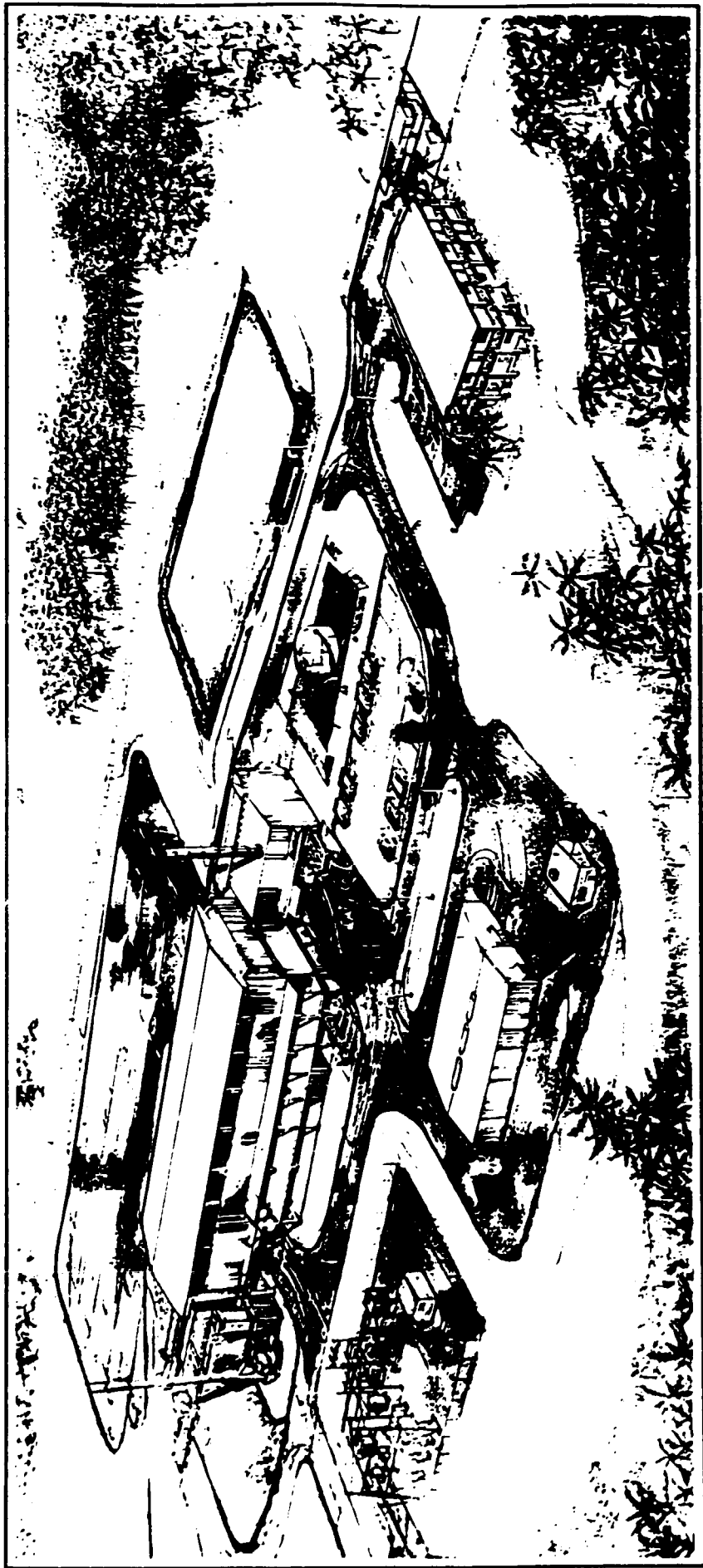
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3.0/3.2 INDUSTRIAL FURNACES AND OVENS AND SERVICES:REHEAT FURNACE SYSTEM  
-----

43740	1-2/	645	9	FURNACES-Boxes containing each:5x35Bags.LITEMATE, Straights,7x35Bags LITEMATE 70,6x30Pcs.RAMTITE 25	22 Cu.mt	17208 Kg
					44 Cu.mt	19929 Kg

**Annex B69**

**LAPEC - LAGOS STATE OF NIGERIA  
MINI MILL STEEL PLANT**

**LAPEC-LAGOS STATE OF NIGERIA MINI-MILL STEEL PLANT**







## **PEC MINI-MILLS AN ACTIVE PART OF THE STEEL INDUSTRY'S FUTURE**

With major changes sweeping the steel industry, Pennsylvania Engineering Corporation is in an excellent position to aid the new and rapidly expanding specialty metals and products market.

A decade ago, PEC developed and promoted the mini-mill concept, that of smaller facilities designed to produce various products for a specific marketplace. Now, in the 80's, everyone is talking about mini-mills.

Today, PEC stands poised to develop complete operational facilities on a turnkey basis developed to meet customer's needs. Often, this can be done at a lower price than originally anticipated with a larger return on investment than expected.

To best illustrate PEC's proven capability, a quick examination of what makes up a typical PEC mini-mill is in order.

It begins with the inquiry from the customer. It may be for a specific piece of equipment or a request to bid on an entire facility. Regardless, PEC always asks: "What is to be produced and how can it be done in a cost effective manner?" Careful step-by-step meetings with the customer outline goals until PEC has the problem clearly defined for action. With goals firmly established, PEC's engineers set out to design a facility to meet all production requirements in the most economical manner possible. All project aspects are considered, from preliminary sitework through start-up and commissioning. At all times, an eye is firmly kept on production requirements which often dictate the design of the mill. Rather than respond to equipment specifications, PEC uses innovation, imagination, and expertise in engineering design to the maximum benefit of the customer.

Of extreme importance to the successful completion of a mill project is PEC's ability to perform work on a total turnkey basis. This single-source capability allows PEC complete control over every aspect of the operation. Unique to PEC is the fact that, through their divisions, they are capable of supplying every facet of the mill operation—from melting through finish rolling. This includes continuous casting, material handling, water treatment, air pollution control, process control, and related facilities. PEC is able to bring all this capability to every project it undertakes. This holds true for a simple water treatment facility to a completely integrated steel producing facility. The result is always the same, a dependable, economical facility that meets the demands of the customer's production schedule.

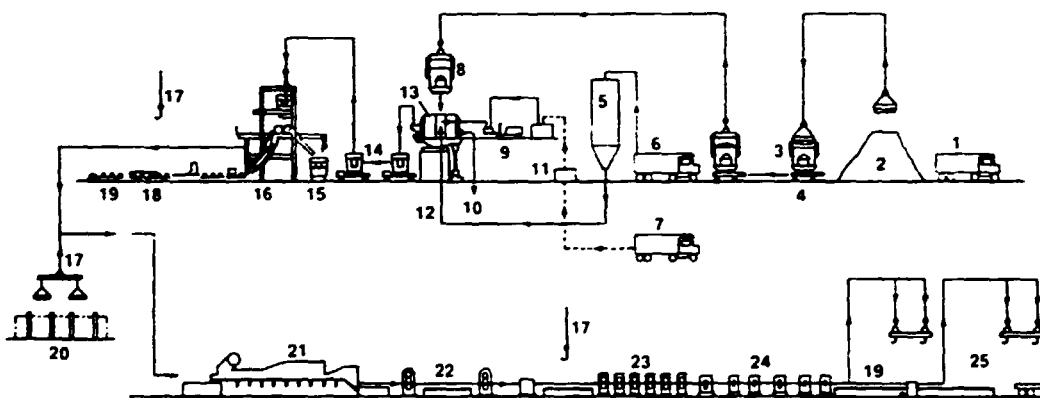


## FACILITY DESCRIPTION

This mini-mill description follows the normal flow of materials through a typical plant from scrap yard to finished product. The description can best be followed on the general layout of the facility below. The design of this steel producing facility is based on an annual capacity of a 100,000 TPY finished product production rate. The plant is designed to melt scrap metal in an electric arc furnace, take the product to a continuous casting machine producing steel billets. Billets are transported to a reheat furnace and then to a rod and bar mill for production of rebar, rounds and rod coils.

The rod and bar mill is capable of producing reinforcing bar and rounds in sizes of 10mm., 12mm., 16mm., 20mm., and 25mm., in straight lengths. It also can produce coiled wire rod in 6mm. and 8mm. diameter. Provisions have been made for addition of future stands for production of angles and flats.

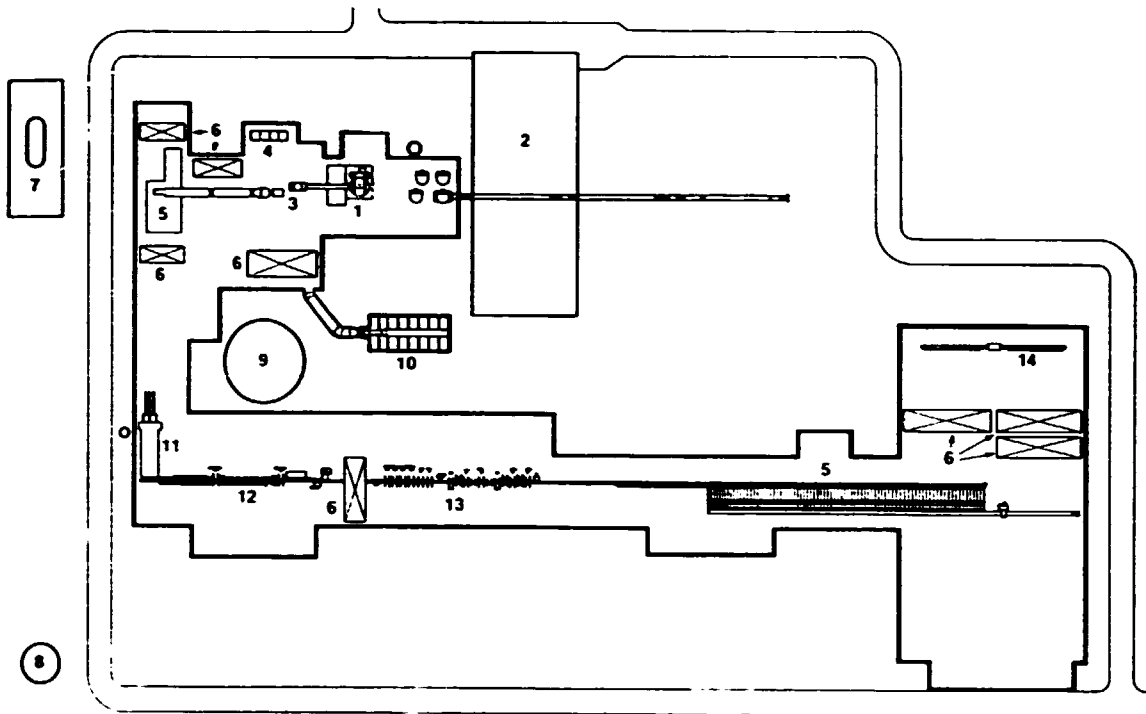
To begin, specially collected scrap is transported and brought into the steelmaking facility. Scrap is then placed in 21-ton capacity scrap clam- and bi-parting shell buckets. The buckets sit on a flat surface with no need for special stands or supports. The melt shop building is serviced by a 60/10 ton EOT scrap charging and hot metal crane. Approximately 35-tons of scrap is charged into the furnace during the heat cycle. The 32-ton furnace is complete with transformer and all auxiliary equipment such as ladle stands, additive bunkers and handling facilities.



- |                                  |                                      |                                 |
|----------------------------------|--------------------------------------|---------------------------------|
| 1. SCRAP TRUCK UNLOADING         | 9. 2 TON FORK TRUCK WITH CHARGER BOX | 16. CONTINUOUS CASTING MACHINE  |
| 2. SCRAP                         | 10. SLAG                             | 17. SERVICE CRANE               |
| 3. SHELL CHARGING BUCKET         | 11. FURNACE ADDITIVE BINS            | 18. CASTING RUNOUT              |
| 4. SCRAP TRANSFER CAR WITH SCALE | 12. LIME INJECTION                   | 19. COOLING BEDS                |
| 5. LIME STORAGE BIN              | 13. ELECTRIC ARC FURNACE             | 20. BILLET STORAGE              |
| 6. LIME STORAGE TRUCK UNLOADING  | 14. HOT METAL LADLE TRANSFER CARS    | 21. REHEAT FURNACE              |
| 7. ADDITIVE TRUCK UNLOADING      | 15. EMERGENCY LADLE                  | 22. ROLLING MILL                |
| 8. SCRAP CHARGE BUCKET           |                                      | 23. MILL STANDS                 |
|                                  |                                      | 24. FINISHING MILL              |
|                                  |                                      | 25. FABRICATION & SHIPPING AREA |

# MATERIAL HANDLING FLOW DIAGRAM

## AUBURN STEEL MINI-MILL AUBURN, NEW YORK



- |                          |                    |                    |
|--------------------------|--------------------|--------------------|
| 1. ELECTRIC ARC FURNACE  | 5. COOLING BEDS    | 10. BAGHOUSE       |
| 2. SCRAP YARD            | 6. CRANE           | 11. REHEAT FURNACE |
| 3. LADLE TRANSFER CAR    | 7. PROPANE STORAGE | 12. ROLL SHOP      |
| 4. CLOSED CIRCUIT COOLER | 8. OIL STORAGE     | 13. FINISHING MILL |
|                          | 9. CLARIFIER       | 14. STRAIGHTENER   |

After scrap charging, the furnace roof swings into position, the electrodes are lowered and scrap meltdown takes place. When the entire charge is melted, a refining cycle takes place during which furnace additions are added through the roof. The furnace is then tilted backward to remove slag. A crawler loader is used to collect the slag. Chemistry of the hot metal is checked and adjusted if needed. The furnace is tapped into a 32-ton hot metal ladle held by the crane. The required ferroalloys are added as the tap is carried out.

After tapping, the metal is delivered to the continuous casting machine by crane. The hot metal ladle is placed on the casting machine superstructure and suspended from the ladle bail. After the possibility of a ladle breakout is eliminated, the crane returns to the furnace. The continuous casting machine is a 2-strand, low-head, curved machine. The hot metal feed into the tundish is through a slide gate nozzle mounted on the bottom of the ladle. Cast strands are withdrawn from the molds and the spray chamber by a withdrawal-straightener. Billets are cut to desired lengths by a torch cut off device. The cut-to-length billets are collected on cooling beds and allowed to cool. Sufficient billet storage area is provided for 15 days of storage. Billets are removed from caster cooling beds by fork truck and moved to the outside storage area. This same method of recovery is used for charging the billet reheat furnace. At one end of the rod and bar mill, a billet reheat pusher-type furnace is provided for

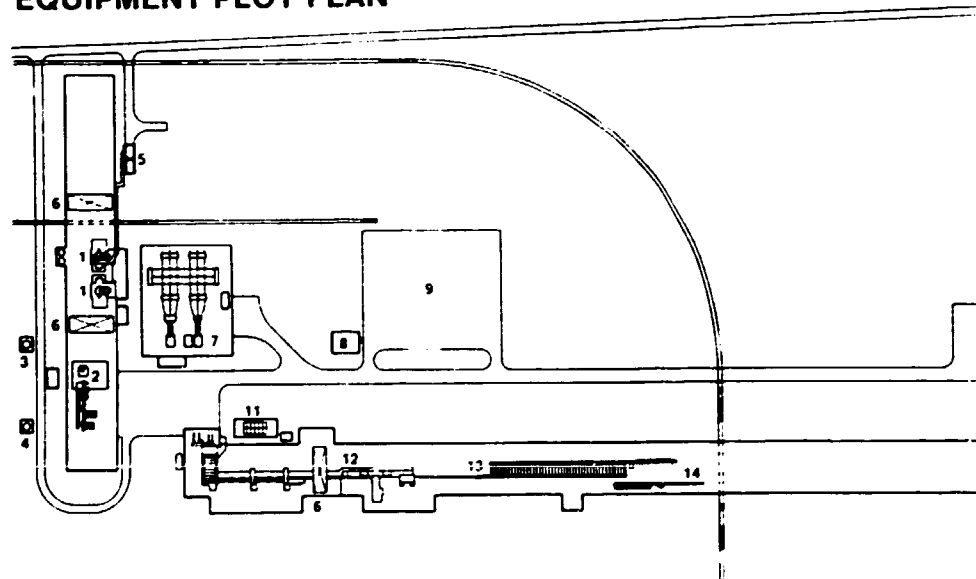


end charging and discharging. The furnace has radiant-type oil-fired burners complete with valves, regulators and controls designed to heat approximately 25 tons of billets per hour. A loading device feeds each billet, one at a time to the reheat furnace. The pusher mechanism advances the full hearth of billets across the furnace as each end billet is discharged from the furnace. The billet is fed to the rod and bar mill at a temperature of 1204 degrees centigrade.

The rod and bar building houses all the roughing and finishing stands, and runout tables. The building is serviced by one 9 metric ton E.O.T. crane. The crane is 6.1 meters above the floor level with a rail span of 14.17 meters. The rod and bar mill is supplied complete with all equipment needed to take 100 x 100 meter billets from the reheat furnace and roll them into specified products. These include reinforcing bar and rounds in sizes 10mm., 12mm., 16mm., 20mm., 25mm., in straight lengths and 6mm., and 8mm., coiled rod. The hot product is cooled, collected and made ready for shipment. Provisions have been made for future production of flats and angles.

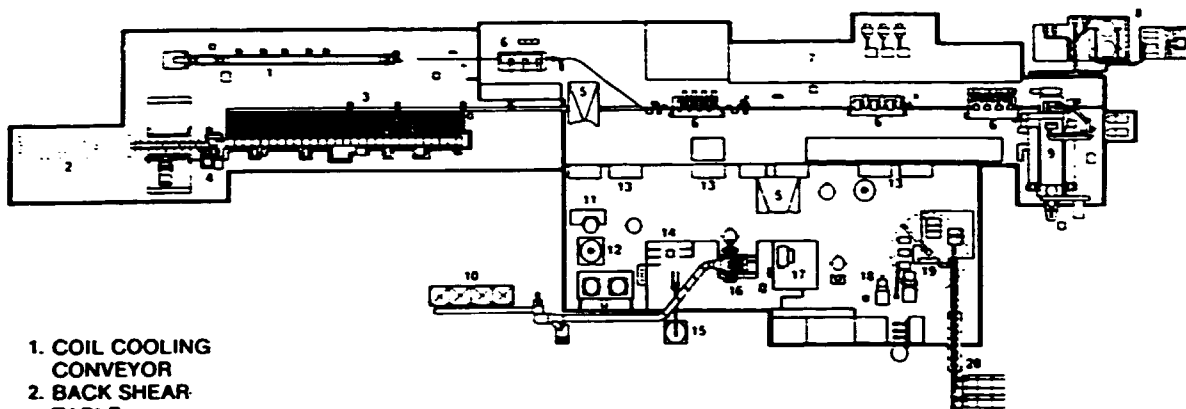
A furnace conveyor transports billets from the furnace to the primary mill. A four-stand, 430mm., continuous primary mill reduces the billets to a 60mm. round size. Mills are driven by individual 300HP DC drives.

### TENNESSEE FORGING STEEL CORPORATION NEWPORT, ARKANSAS MELT SHOP & ROLLING MILL EQUIPMENT PLOT PLAN



- |                              |                          |                       |
|------------------------------|--------------------------|-----------------------|
| 1 ELECTRIC ARC FURNACES      | 5 DUST COLLECTOR         | 11. COOLING TOWER     |
| 2 CONTINUOUS CASTING MACHINE | 6 CRANE                  | 12. MERCHANT BAR MILL |
| 3 PROPANE STORAGE            | 7 ELECTRICAL SUBSTATION  | 13. COOLING BED       |
| 4 OXYGEN STORAGE             | 8 LOCKER/SHOWER BUILDING | 14 STRAIGHTENER       |
|                              | 9. PARKING AREAS         |                       |
|                              | 10 OFFICE BUILDING       |                       |

**LAPEC-LAGOS STATE OF NIGERIA  
 MINI-MILL STEEL PLANT  
 MELT SHOP BAR/ROD MILL  
 GENERAL ARRANGEMENT PLAN**

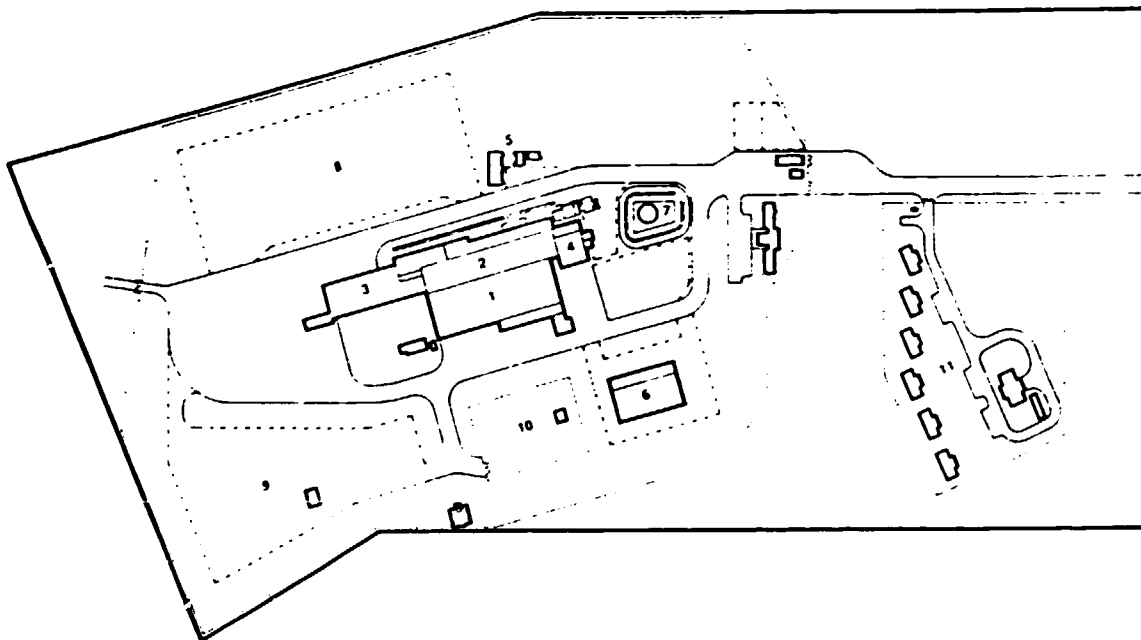


- 1. COIL COOLING CONVEYOR
- 2. BACK SHEAR TABLE
- 3. COOLING BED
- 4. BAR SHEAR
- 5. CRANE
- 6. MILL STANDS
- 7. ELECTRICAL CONTROL ROOM
- 8. WATER TREATMENT AREA

- 9. REHEAT FURNACE
- 10. BAGHOUSE
- 11. LADLE RELINE AREA
- 12. ROOF RELINE AREA
- 13. BRICK STORAGE

- 14. ALLOY ADDITIVE BINS
- 15. SILO
- 16. ELECTRIC ARC FURNACE
- 17. FURNACE CONTROL ROOM/

- TRANSFORMER
- 18. LADLE PREHEAT STATIONS
- 19. TUNDISH MAKE-UP & REPAIR AREA
- 20. CASTER & COOLING BED



- 1. ELECTRIC FURNACE BUILDING
- 2. MILL BUILDING
- 3. COOLING BED
- 4. REHEAT FURNACE BUILDING

- 5. TRAINING & CHANGE BUILDING
- 6. MAINTENANCE WAREHOUSE BUILDING
- 7. OIL PUMP STATION

- 8. FINISH PRODUCT STORAGE YARD
- 9. SCRAP YARD
- 10. ELECTRICAL SUBSTATION
- 11. LIVING AREA



## mini-mill

Mills are arranged in a horizontal configuration and mounted on a common steel base. From the primary mill, a roller table transports intermediate product to a hydraulic shear and then on to a six-strand 340mm intermediate mill. A hydraulic shear crops ends off the intermediate product as required.

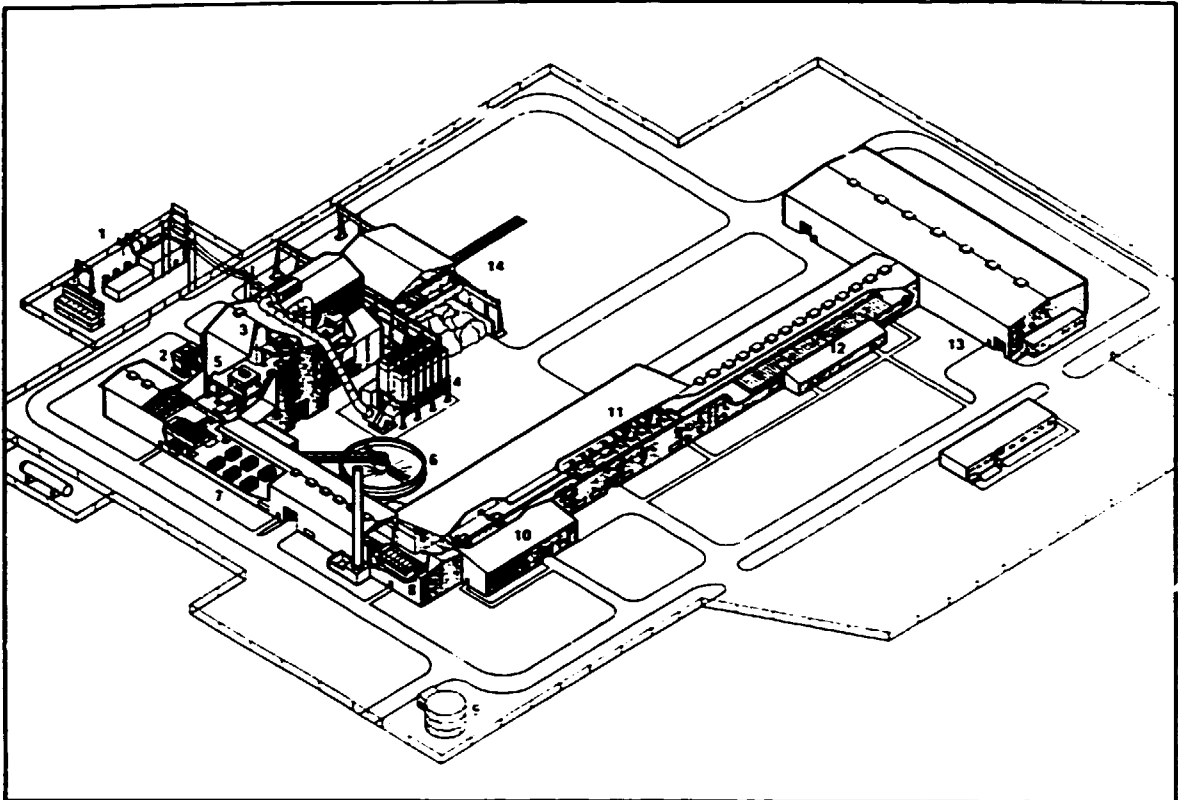
The continuous intermediate mill reduces product to 25mm diameter. The 300HP DC driven mills are arranged in a horizontal-vertical configuration for production of rounds and rebar. For future angles and flats production, the mills are designed on a common steel base. A combination start-stop, crop and cobble, cut shear is used as required between intermediate and finishing mills. An eight-stand, 280mm., geared-up finishing mill reduces and finishes product down to 10mm diameter. Mills are arranged horizontal-vertical and mounted to a common steel base. Mills are driven by four 300HP DC motors. A flying crop and divider shear is located after the finishing mill to head crop process sections when rolling rod, and to cut finished bar product to cooling bed lengths. Cooling-bed approach and run-in tables transport bars to a 140' x 15' conveyor-type cooling bed. After cooling, bars are transported to the cold bar shear area for multiple cutting to shipping lengths of 6-12 meters by a 300-ton cold bar shear. A switch is provided after the flying crop and divider shear to direct finished product to the cooling bed or the process section to the rod block stands. A pinch roll, vertical looper and a snap shear are located ahead of the rod block. The six-stand, 250mm., rod block takes rounds from the 280mm. finishing mill and rolls them down to wire rod sizes. Rod block stands are arranged horizontal-vertical and are driven by three 300HP DC motors.

The rod mill is complete with a laying head for coiling hot rod, a conveyor for cooling the wire rod, a coil collector, a coil pusher, a coil conveyor and an upender with a bundle holder. Accumulated coils are removed from the bundle holder by peel-equipped lift trucks.

Also included in the typical mini-mill are: electrical distribution equipment to the various mill sections, control equipment for all the drives, central control console for operation, all AC and DC motors for main and auxiliary drives, one set of rollers to produce 10mm., 12mm., 20mm., 25mm. rebar and one set of rollers to produce 6mm., and 8mm. wire rod, central oil lubrication systems for all main drives, central grease systems, where required, all roll shop equipment required for re-finishing used rolls and a special set of tools required to maintain the mills.

**AUBURN STEEL COMPANY INC.  
AUBURN, NEW YORK**

**MINI-MILL FACILITIES-GENERAL ARRANGEMENT**



1. SUBSTATION  
2. COOLING TOWER  
3. ELECTRIC ARC  
FURNACE

4. BAGHOUSE  
5. CASTING  
MACHINE  
6. CLARIFIER

7. BILLET STORAGE  
8. REHEAT FURNACE  
9. OIL STORAGE  
10. MAINTENANCE  
SHOP

11. BAR MILL  
12. COOLING BED  
13. SHIPPING  
14. SCRAP YARD

**WHY NOT THE LEADER?**

With the development of pragmatic solutions to metal producing requirements and the expertise to implement them, PEC has laid down the blueprint for the construction of mini-mills. These mills are always designed to meet specific production requirements and constructed under rigid financial constraints.

Through talking with PEC, metal producers can position themselves to meet the exciting expansion of the specialty metals market with products specially designed to fill that market.



### **TYPICAL EQUIPMENT—SCRAP YARD**

Truck Weigh Scale

Crane Magnet

- Scrap Transfer Car, Self-Propelled with Weigh Scale
- Scrap Yard Electrical Equipment
- Structural Steel Runway

### **TYPICAL EQUIPMENT—MELT/CONTINUOUS CASTING SHOP**

- Electric Arc Furnace with Transformer, complete with Spare Roof Ring
- Hot Metal Ladles with Bails
- Clam Shell Charging Buckets
- Process Electrical Equipment
- Platform Scale for Additives
- Refractory Gun
- Additive Bins, including Lime Bin and Lime Injection System
- Transformer Oil Drain Tank
- Roof Repair Platform
- Chemical and Metallurgical Lab Equipment
- Fire Protection Equipment
- Furnace Fume Collection and Cleaning System
- Jib Hoist
- Lube and Hydraulic Systems
- Fork Lift Truck
- Ladle Stands
- Communication System
- Ladle Slide Valves and Repair Equipment
- Continuous Billet Casting Machine, complete with:
  - Casting Machine and Ladle Stand Support Structure
  - Tundish Cars w/Drive
  - Tundishes & Tundish Covers
  - Slag Box and Launder
  - Tundish Preheat Stations
  - Mold Tubes
  - Mold Jacket Assemblies
  - Mold Template
  - Mold Lubrication System
  - Mold Oscillating Mechanism Systems
  - Spray Apron Guides
  - Spray Chamber and Exhaust System
  - Straighteners and Withdrawal Units
  - Torch Approach Tables
  - Automatic Torch Cut-off Units
  - Dummy Bar Chains
  - Dummy Bar Heads
  - Dummy Bar Storage
  - Runout Tables
  - Disappearing and End Stops
  - Billet Pusher Mechanism
  - Cooling Beds
  - Machine Lubrication System
  - Instrumentation Equipment
  - Electrical Equipment
  - Mold Level Control Systems
  - Tundish Repair Station
  - Hydraulic System
  - Communication System
  - Utility Piping
- Ladle Pre-heater
- Ladle Dryer
- Ladle Stands
- Magnets for Billet Handling Cranes
- Ladle Transfer Car



- Emergency L
- Synchronous Condenser and Buffer Reactor
- Caster Scale Pit Box

#### **TYPICAL EQUIPMENT—BAR MILL**

- Billet Reheat Furnace
- Bar Mill
- Roll Shop Equipment
- Machine Shop Tools
- Roll and Maintenance Shop Building
- Miscellaneous Chains, Slings, and Spreader Beams
- Mill Electrical Control Equipment
- Communication System
- Lube and Hydraulic Systems
- Scale Pit Scale Removal Equipment
- Fork Lift Truck for Handling Rolls
- Electrical Shop Tools
- Carpenter Tools

#### **TYPICAL YARD WORK, BUILDINGS, CRANES AND SERVICES**

- Cooling Tower
- Water Softener for Mold Cooling Water
- Scale Pit - Casting Machine
- Scale Pit - Bar Mill
- Scale Pit Pumps - Casting Machine
- Scale Pit Pumps - Bar Mill
- Caster Spray Water Pumps
- Service Water Pumps
- Instrumentation
- Process Electrical Equipment
- Sanitary Sewers
- Main sub-station
- Recirculating Water Systems
- Hot Well/Cold Well Pumps
- Mill Cooling Water Pumps
- Clarifier and Vacuum Filter Equipment Including Tank
- Mold Cooling Water System
- Caster Mold Water Pumps
- Mold Water Circulating Pump
- Evaporative Cooler
- Lime Silo
- Gantry Crane
- Billet Handling Electric Overhead Travelling Cranes
- Jib Cranes
- Shipping Cranes
- Electric Overhead Travelling Crane for Furnace Area
- Electric Overhead Travelling Crane for Casting Area
- Electric Overhead Travelling Crane for Intermediate Building
- Electric Overhead Travelling Crane for Mill Repair
- Electric Overhead Travelling Crane, Pendant Operated



#### **TYPICAL MAIN BUILDINGS WITH CRANE RUNWAYS**

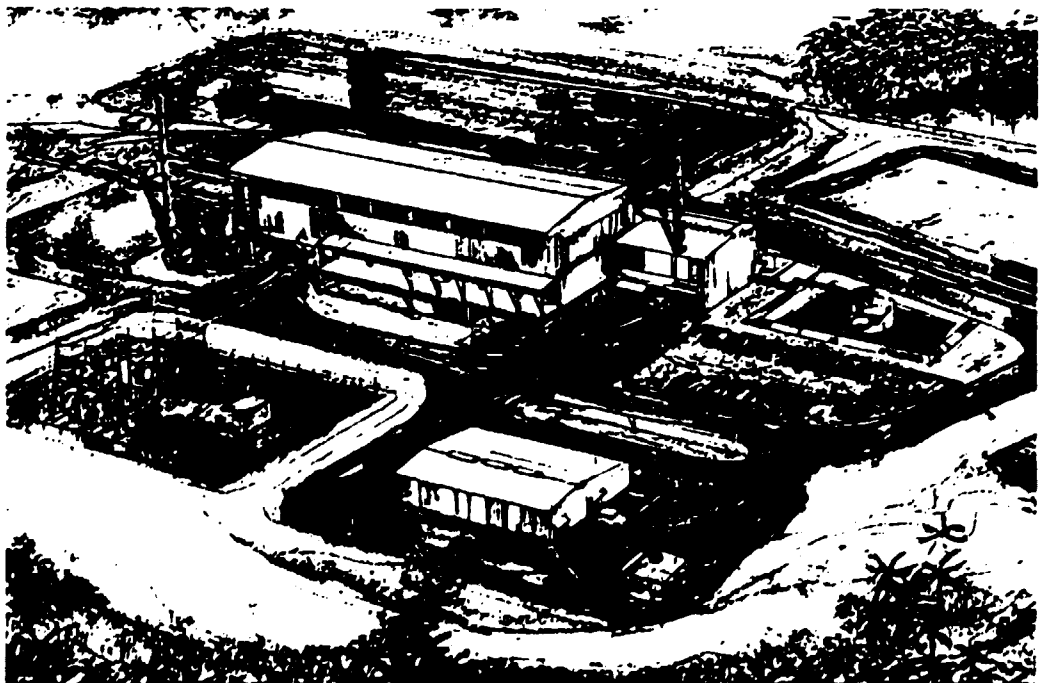
- Melt Shop
- Casting Shop
- Billet Storage
- Mill
- Shipping
- Administration Building

#### **TYPICAL AUXILIARY BUILDINGS & ENCLOSURES**

- Transformer Vault
- Melt Shop Office
- Chemical and Metallurgical Laboratory
- Change House
- Furnace Control Room
- Roll Maintenance Shop
- Machine Shop
- Electrical Shop
- Caster Control Room
- Mill Control Room
- Sitework
- Security Fencing
- Building and Equipment Foundations
- Furnace Bus Bar Support Steel
- Crane Collector Rail System
- Main Buildings Ventilation Systems
- Transformer Vault Ventilation System
- Electrical Control Rooms Ventilation Systems
- Compressed Air, Recirculating Water, Fuel Oil, Potable Water and Oxygen Systems
- Main Buildings Lighting and Grounding
- Outdoor Lighting



**SIDBEC—DOSCO LTD. Montreal, Quebec, Canada Min.-Mill Steel-Producing Plant, Longueuil Works**  
Rolling Mill Equipment in Place



**LAPEC LAGOS STATE OF NIGERIA** (1977) (1977) (1977) (1977) (1977) (1977) (1977) (1977) (1977) (1977)

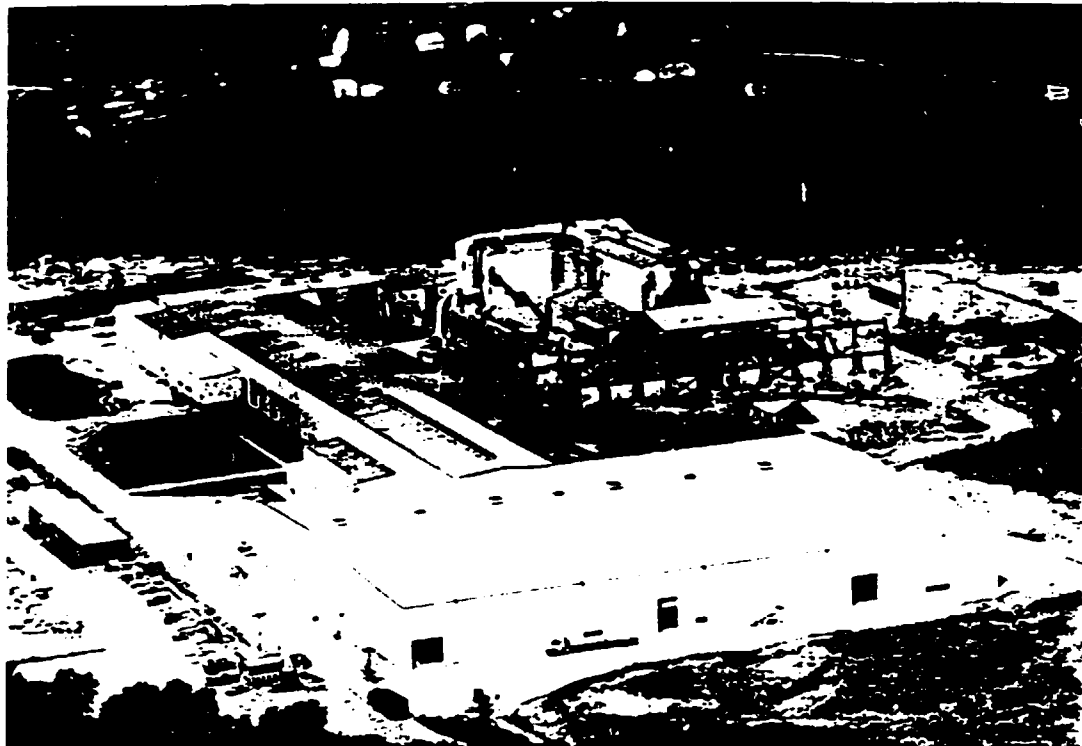
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REFERENCE DOCUMENTS

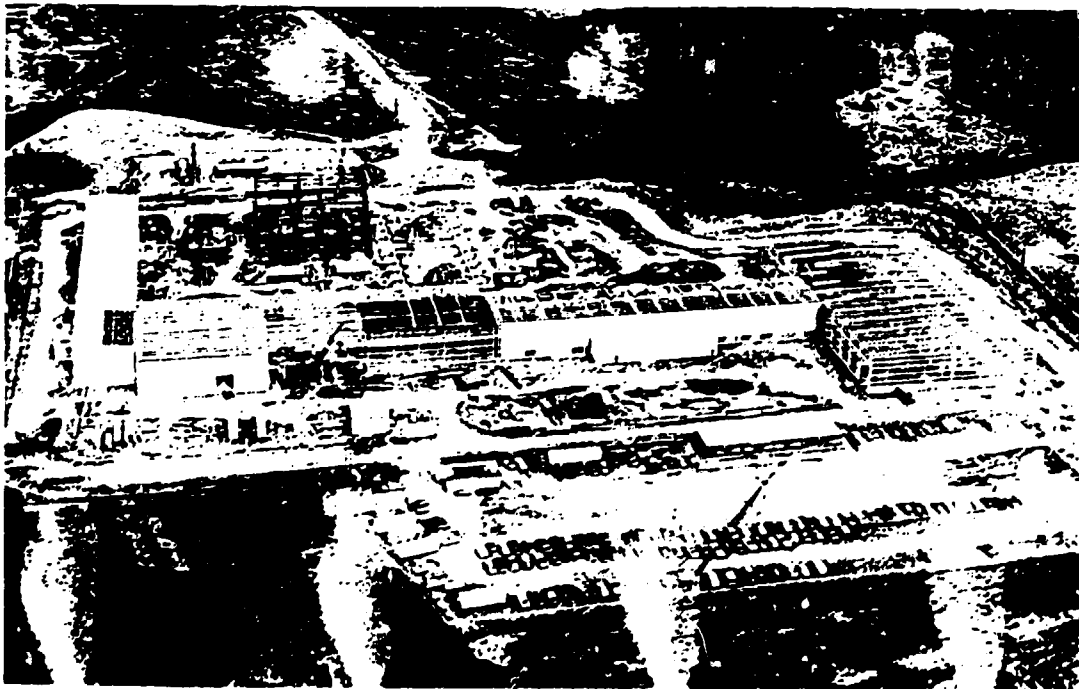
- 1 Lapec - Lagos State of Nigeria  
Mini steel plant (Annex B69)
- 2 Executive Summary  
Lapec Mini Steel Mill
- 3 Agreement between LAPEC  
and PEC dated 25 November 1980
- 4 Exhibit "A" and "B" to above agreement  
"DESCRIPTION FOR STEEL PRODUCING FACILITY"
- 5 Guarantee Agreement between  
Federal Republic of Nigeria and  
Export Import Bank of United States  
dated 23 June 1982
- 6 Report of the special technical  
Committee that renegotiated  
price adjustment with representatives  
of Pennsylvania Engineering Corporation  
and PEC-N dated 31 May 1984
- 7 Work program Lapec Steel Mill  
Project - "Preliminary subject to revision"  
dated 26-8-1982
- 8 Lagos State of Nigeria  
"Mini Mill Steel Plant"  
Pert and Gantt charts



## TYPICAL PEC MINI-MILL INSTALLATIONS



AUBURN STEEL CO., INC. Auburn, New York, U.S.A. Mini-Mill Steel Producing Plant



AUBURN STEEL CO., INC. Auburn, New York, U.S.A. Mini-Mill Steel Producing Plant