



TOGETHER
for a sustainable future

OCCASION

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for a sustainable future

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To [Handwritten signature]

北京低温设备厂
Beijing Refrigerant Equipment Factory
地址(address): 北京市广安门外南街 51 号
电话 (tel): 8610-63465627 传真 (fax): 8610-63273261

UNIDO BEIJING	
DATE: 18 SEP 2002	
FILE:	
<input type="checkbox"/> ACTION TO	<input type="checkbox"/> INFO
<input type="checkbox"/> ACTION COMPLETED	<input type="checkbox"/> ACTION IN PROGRESS
<input type="checkbox"/> NO ACTION REQUIRED	<input type="checkbox"/>

November 21, 2001

TO: UNIDO

Final REPORT
on the Status of the Second-phase Project

Dear Sir /Madam

Since we have been in receipt of this project, we have been in the process of steadily completing all relevant tasks assigned, such as project application, confirming the renovation plan and the existence of the requisite funds. In the interim, we have selected the types of equipment needed, completed the reconstruction of the production, changed the repair equipment of the main after-sale service centers, and carried through the re-design and trial-manufacture of 100 sets. We have also rebuilt the old charging board and changed the oil in the vacuum pump. Three sets of refrigerant gas pumps have been destroyed. The 15 equipments aided are being properly used, and HFC-134a and HCFC-141b have been used in manufacturing refrigerant boxes. HCFC-141b, HFC-22 or HFC-502 are used in producing large display cases. With the above work completed, we have performed all of the undertakings as expressed in the 99/041 and MP/CPR/109 contracts. Because of the relocation of our factory, the project had to be postponed for almost 3 years, a factor for which we herewith would like to convey our deep regret.

Our factory has been greatly benefited by the project you aided. We have learned a lot, including the realization of the importance of protecting the natural environment. During the course of the above process, Mr.Oshima and other officials of the headquarters of UNIDO, as well as Miss Li Zaiheng of the United Nations Industrial Development Organization UNIDO China Office, gave us a great

To [Handwritten signature]

deal of help and support, without which the project could not have proceeded smoothly and successfully; therefore, we hereby take this opportunity to express our great gratitude and respect to all these persons.

You have favored us with a chance. We intend to make the most of it to strive to make a contribution to the field of environmental protection. THANK YOU!

Sincerely yours,

北京低温设备厂 (Beijing Refrigerant Equipment Factory)

(Seal)



法定代表人: 王 华 (Legal representative: Wang Hua)

(Signature)

[Handwritten signature of Wang Hua]

CPR/98/109
Redesign Contract

Subject: MP/CPI/98/109
BFEF first progress report
To: Mr R. Oshima, UNIDO
From: Xu Ying, BFEF
Date: 06/01/2000

Dear oshima:

Basis 99/145 bond, Our factory in 1999 year October according of new thermodynamics calculating book and system matching, for GB0.24L and DXF20-610L two product test-manufacture, apart have made two specimens.

This year February, UNIDO endow Charging Boards to factory. We have proceed operate experiment namely, Four specimens already through test.

New and old product of contrast parameter arrange into form.

NO.	ITEM	MODEL	GB0.24L		DXF20-610L	
			NEW	OLD	NEW	OLD
1	UNDULATION		1.0°C	2.2°C	0.1°C	0.2°C
2	ASYMMETRY		5.1U	5.0°C	2.3°C	0.5°C
3	AIRCREW COEFFICIENT	WORK	36%	31%	58%	/
4	CONSUME ELECTRICITY(kwh/24h)		2.34	2.04	2.52	3.0
5	NOISE		47dB	47dB	63dB	62dB
6	FALL TEMPERATURE TIME		30min 1.2°C	40min 5.0°C	53min -19.3°C	68min -19.3°C
7	WORK TEMPERATURE		5.2°C	5.1°C	-21.4°C	-19.4°C
8	BLAB ELECTRICITY		0.13mA	0.08mA	0.19mA	0.10mA
9	EARTH RESISTANCE		0.06Ω	0.07Ω	0.06Ω	0.07Ω
10	INSULATION RESISTANCE		500mΩ	500mΩ	500mΩ	500mΩ
11	CAPILLARY DIAMETER		φ2/φ1	φ2/φ1	φ2/φ1	φ2/φ1
12	COMPRESSOR MODEL		ECS70HLP	EC70SLR	E1130Z	AE1412A
13	CAPILLARY FLUX(ml/min)		140	150	190	210
14	REFRIGERANT MODEL		R-134a	R-12	R-134a	R-12
15	REFRIGERANT CHARGE		220g	236g	220g	236g

We report with UNIDO.

Regards.

BFEF: Xu Ying

CPR/98/109
BFIEF
Redesign contract

TO: Mr. R Oshima UNIDO
FROM: Xu Ying BFEF CHINA
FOX: 00431 213463026
DATE: 08/03/2000

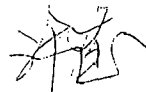
Dear Mr. R Oshima:

New and old product of contrast parameter arrange into form.

NUM	MODEL		GB0.24L		DXF-610L	
			NEW	OLD	NEW	OLD
1	CAPILLARY	DIAMETER(ϕ/ϕ)	2/1	2/0.8	2.5/1.2	2/1
2	CAPILLARY	FLUX(ml/min)	174	150	244	210
3	EVAPORATOR	LENGTH(m)	22	19.5	43	39
4	CONDENSER	ACREAGE(m ²)	1.7	1.49	2.1	1.89
5	REFRIGERANT	CHARGE(g)	248	236	250	236

I report these with UNIDO.

Regards,


Aug 3, 2000

CPR/98/109
Redesign contract

北京低温设备厂

Beijing Refrigerant Equipment Factory

地址(address): 北京市广安门外南街 51 号

电话 (tel): 8610-63465627

传真 (fax): 8610-63273261

REPORT

on the Status of the Second-phase Project

April 3, 2001

TO: UNIDO

Dear Sir or Madam:

After receiving the 15 sets of equipment contributed by you, we last year completed the redesign of the substitute models (GBO-24L & DXF-610), undertook quality trials and measured and assessed the performance parameters of the sample machines. As tested, their individual standards all conformed to the design specifications.

Currently located in the greenbelt along the Fourth Ring Road, our factory is numbered among those units of industrial production slated for relocation by order of the Beijing Municipal Government. This is why the re-inception of the project, originally to be completed by the end of last year, was forced to be deferred, and the contributed machines and equipment instead had to be directly installed in the newly purchased workshop in a southern urban district of Beijing. At the beginning of this year, we had a line of refrigerator products manufactured, as a portion of which, 100 refrigerated product display cases (GBO-24L) were produced on March 26, whose data and performance parameters entirely gived with those of the samples. This demonstrates that the new non-F1 products of R-134a we manufactured have arrived in the market.

With the present and continuous appearance of 100 refrigerated product display cases and ever more coming into the market, we plan to have the leak-detecting apparatus and the vacuum pump transferred to the after-service units to satisfy customer maintenance and repair needs.

In addition, we are in contact with the Environmental Protection Bureau of the District Government to consummate the destruction of the refrigerant gas pumps, on a date as yet unfixed and by recourse to a prescribed procedure, so as to make good on our earlier promises.

Sincerely yours,

北京低温设备厂 (Beijing Refrigerant Equipment Factory)

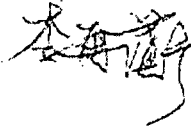
盖章 (Seal) :



法定代表人: 王 华 (Legal representative: Wang Hua)

签字 (Signature)



To: 

CHINA BEIJING FREEZING EQUIPMENT FACTORY

NO. 51 Nanjie, Guanganmenwai, Beijing 100055, P.R.China

Tel: 86-10-61288074

Fax: 86-10-61288074

File No.: MP/CPR/98/109

Date: 20 Sep 2002

To: Ms. M. Latrech
Contract Officer
General Services Branch
Purchase and Contracts Section
Field Operations and Administration Division
UNIDO Vienna

Subject: Contract No. 99/041 under the project MP/CPR/98/109

Dear Ms. Latrech,

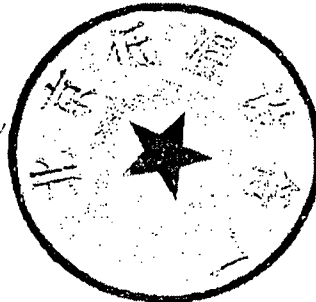
Final Report was prepared and submitted to UNIDO for review, and was found acceptable by UNIDO . We herewith enclose the invoice of the payment of US\$9,681.

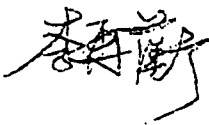
We would highly appreciate your necessary actions to transfer this amount of money to BFEF's account.

Yours sincerely,



Xu Ying
Director
Beijing Freezing Equipment Factory



To: 

CHINA BEIJING FREEZING EQUIPMENT FACTORY

NO. 51 Nanjie, Guanganmenwai, Beijing 100055, P.R.China

Tel: 86-10-61288074

Fax: 86-10-61288074

INVOICE

Date: 20 Sep 2002

Subject: Contract No. 99/041 under the project MP/CPR/98/109

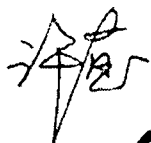
In accordance with the Contract No. 99/041 item 3.03 paragraph c: upon receipt and acceptance by UNIDO of the Second Progress report

The sum of

USD 9,681

Subject for transfer to Beijing Freezing Equipment Factory account US\$ 9,681 (US Dollars eight thousand and five hundred only)

Xu Ying



Director

Beijing Freezing Equipment Factory

