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22584

PERROS

INDUSTRIALE



PROGRESS

THROUGH

ECOLOGY

UNIDO PROJECT NUMBER MP/CPR/97/195
CONTRACT No. 98/019

**SUPPLY OF EQUIPMENT AND TECHNICAL SERVICES REQUIRED FOR THE
REPLACEMENT OF CFC-11 IN THE MANUFACTURING OF DOMESTIC
REFRIGERATORS AT THE ZHEJIANG RONGSHENG ELECTRIC Co. Ltd, CHINA**

FINAL REPORT

Report covering activities as per step 16 to 18 of Term of Reference

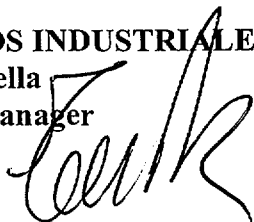
Including the Safety Statement of the Equipment made by TUV Germany

CONTENTS

The final report include the following documents:

- **“CERTIFICATE OF ACCEPTANCE” signed up by Zhejiang Rongsheng Electric Co. Ltd and Perros Engineer after starting of mass production made from 6th March 2000**
- **Safety Statement of the Equipments made by TUV Germany**

PERROS INDUSTRIALE S.p.A.
R. Trivella
Area Manager



CERTIFICATE OF FINAL ACCEPTANCE

Purchaser : **UNIDO**
P.O. Box 300
a-1400 Vienna - Austria

Customer : **ZHEJIANG RONGSHENG ELECTRICAL APPLIANCES CO.,LTD**
Mogashan Economic Technique
Development Zone Zejiang, **People's Republic of China**

Supply : Provision of services and supply of equipment and parts related to the conversion of ZHEJIANG RONGSHENG ELECTRICAL APPLIANCES CO.,LTD, to Phase Out the use of CFC11 in the Production of Refrigerators and Freezers

Contract n° : 98/019 - UNIDO Project n° MP/GPR/97/195

Perros reference : N13

From C1-31-00 to 07-01-00 c/o ZHEJIANG RONGSHENG ELCTRICAL APPLIANCE CO.,LTD, our technicians Mr. OCCHIPINTI ANDREA have taken care for the commissioning of the following plants:

- | | |
|---|--|
| 1. N° 1 Ecomix 20P | 6. N° 1 CP Day tank and piping |
| 2. N° 1 Ecodosing ED2-20P for door plant | 7. N° 3 Control panels and Monitoring system |
| 3. N° 1 Ecodosing ED2-50P for cabinet plant | 8. N° 1 Nytrogen system |
| 4. N° 1 Iso Day tank and piping | 9. N° 1 Fire extinguishing system |
| 5. N° 1 Polyol/CP Day tank and piping | 10. N° 1 CP storage and pumps |

Starting from 06-29-00 the plants have successfully started to produce according to the technical specifications foreseen in the contract.

During the modification, assembly, commissioning and final start-up of the plants, Perros has provided to give ZHEJIANG RONGSHENG technicians all possible instructions.

Perros confirms its availability for supporting ZHEJIANG RONGSHENG to solve the pending problems mentioned on the attached minutes of commissioning (see additional notes/remarks below).

PERROS INDUSTRIALE SPA

ZHEJIANG RONGSHENG EL. APPL. CO.,LTD

Occhipinti Andrea

[Signature]

Date 06-30-00

Notes/Remarks

SEE PAGE 2

Notes/Remark

When TUV will come to check the plant, PERROS will solve the following pending:

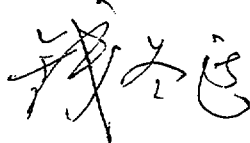
1. Change the calibration valve for ecodosing 2.20
2. Change and check ISO 1,000L tank level.
3. Change ecomix cyclepentane pump
4. Fan seals

Perros will supply a new self cleaning connector for ecodosing 2.20 and a new nitrogen blowing piston for ecodosing 2.50.

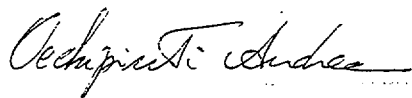
If the new piston will not work Perros will solve the problem as soon as possible.

Rongsheng will change the slide valve oil piping for cabinet mixing head and will fix linen curtain for the two foaming boxes.

ZHEJIANG RONGSHENG ELECTRICAL APPLIANCES CO.,LTD



PERROS INDUSTRIALE S.P.A.



CERTIFICATE

No.: TÜV- BB-UL 990 305 443

This is to certify that

Subject: Pentan-PU Foaming System for Refrigerator Production/
PERROS-plant area

Producer: PERROS Industriale S.P.A.
Abiategrasso (MI) Italy

Operator: ROWSEN-ZHEJIANG RONGSHENG
Elec. Equipment Co., LTD/PR-China

meets the requirements of TÜV Süddeutschland BB-ULM.
It was installed according to the relevant International Standards.
The Isobutane-Charging Plant system has been submitted
to an audit to verify compliance with the state of the art.
The system was audited finally in the period
from 12th to 14th July, 2000.

This Certification is based on
TÜV-Report of a safety Technical Plant Inspection

TÜV BB-ULM'
File No.: PER/RON-PRC/02/01

This Certification is valid until
31-07-2003

Ulm, July, 2nd, 2001
TÜV Süddeutschland experts

Dipl.-Ing. Richardt Dipl.-Ing. (FN) Mack.

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