



TOGETHER
for a sustainable future

OCCASION

This publication has been made available to the public on the occasion of the 50th anniversary of the United Nations Industrial Development Organisation.



TOGETHER
for a sustainable future

DISCLAIMER

This document has been produced without formal United Nations editing. The designations employed and the presentation of the material in this document do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations Industrial Development Organization (UNIDO) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries, or its economic system or degree of development. Designations such as “developed”, “industrialized” and “developing” are intended for statistical convenience and do not necessarily express a judgment about the stage reached by a particular country or area in the development process. Mention of firm names or commercial products does not constitute an endorsement by UNIDO.

FAIR USE POLICY

Any part of this publication may be quoted and referenced for educational and research purposes without additional permission from UNIDO. However, those who make use of quoting and referencing this publication are requested to follow the Fair Use Policy of giving due credit to UNIDO.

CONTACT

Please contact publications@unido.org for further information concerning UNIDO publications.

For more information about UNIDO, please visit us at www.unido.org

21933

16/10/97

SUNEBO spa
Via Bruno Buozzi 28
10024 MONCALIERI
Tel. 0039-11-6403224
FAX : 0039-11-6407364

ATT.: MOUNIRA LATRECH/UNIDO
FROM : E:BOGGIO
DATE: 14 05 97 FAX MESSAGE n° 218 97 EBS Pages : 1+ 2.

SUBJECT : MP/EGY/94/416 - Contract N° 96/088 - KIRIAZI MA. CO.

FINAL REPORT

1. In Cairo the production of the new refrigerator, object of the UNIDO contract, has been started. A first pilot production has been delivered to the market. In the months of february and march our technicians have visited several times the factory to give assistance to the running in of the production.

The plant and the product that has been designed with the assistance of our company has been approved by KIRIAZI CO.

We do not have an official document from KIRIAZI CO.. We are informed that UNIDO has visited the new factory and is directly informed about this situation.

The refrigerator is therefore approved with the design as it has been tested in our laboratories. The tests have been transmitted to UNIDO. No changes have been foreseen in the prototype prepared by us.

2. In CAIRO we have tested that the foam has the proper density (32 to 36 Kgs/cu.mt), so that the insulation has the efficiency we have designed and applied in the prototype. The foaming plant, also object of a UNIDO project, has been found OK from this point of view.

3. In CAIRO we have controlled all the testing procedures that affect the efficiency of the refrigerator. 100% of the production is tested on the line for two hours. 1% of the production has 24 hours test. The production is constant from point of view of the parameters, that interest our project, with a very minor dispersion.

As already seen during the tests of the prototypes the quality of the refrigerators have been improved over 25% from point of view of energy consumption, even considering that the new gas R134a is less efficient than the old R12.

4. One only change has been implemented. The new magnetic gasket, as per drawing enclosed, which is designed for a better insulation versus the previous one and also avoids formation of condensation water on the gasket in the area of the freezer, has created some problem in the closing of the doors. We have decided to modify the profile and use the old design. The new gasket will be modified and we count to have the new version ready within 6 to 8 months. The loss of efficiency in the total insulation of the

SUNEBO S.P.A.
E. BOGGIO SELLA

cabinet should not exceed 3%. Therefore the old gasket is provisorly acceptable.

~~Please give us You autorization to issue the final invoice. Please indicate to us the exact amount we have to invoice (we are ashamed to declare that we do not have any more a copy of the contract 96/088, which we think has been taken by Kiriazi, therefore we do not know what we should invoice!).~~

Best regards,

E. Boggio



SUNEBEL S.p.A.
E. Boggio