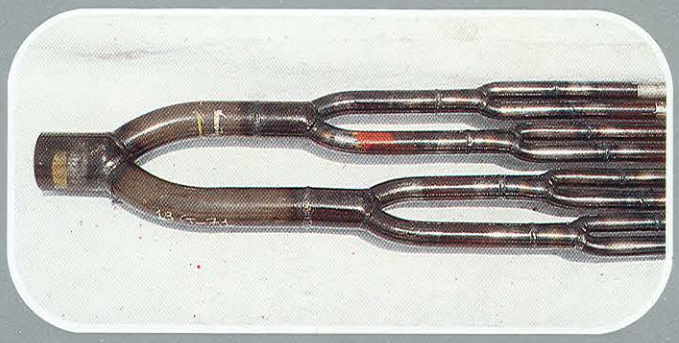
STALCO S.A.: STEEL CONSTRUCTION DEPARTMENT
VOLOS INDUSTRIAL AREA - TEL 0421 - 95102

SPECIAL CONSTRUCTIONS

I. CONSTRUCTION OF SPECIAL TUBE COILS AND PARTS

COILS FOR THERMOELECTRIC POWER STATIONS

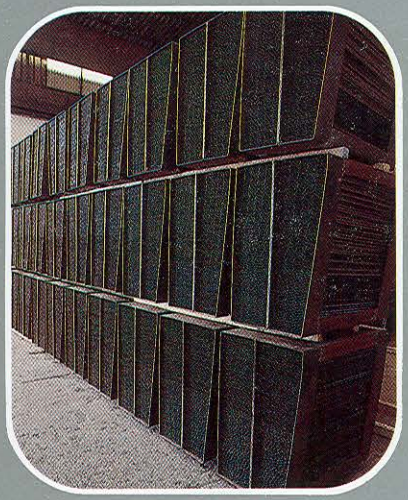
Tube Coils with special Form, special Material (X20CrMoV121) and special parts (bifurcates, closed curves e.t.c.)

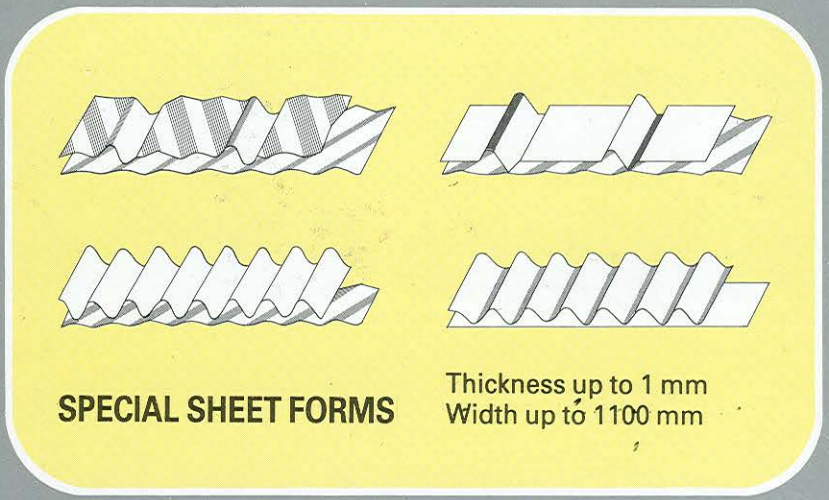


BIFURCATE – CONSTRUCTION

(Φ133-2Φ89, Φ89-2Φ57, Φ57-2XΦ44,5, Φ51-2XΦ38, Φ44,5-2XΦ32)

II. CONSTRUCTION OF AIR - PREHEATING PARTS





SPECIAL SHEET FORMS

Thickness up to 1 mm
Width up to 1100 mm

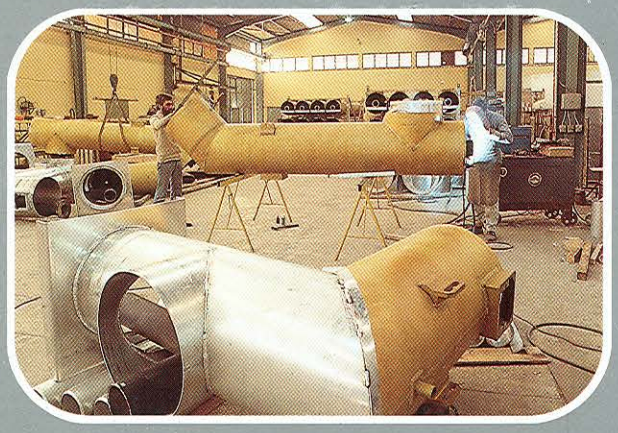
READY BOXES WITH SPECIALY FORMED SHEETS

For Air Preheating Equipment of Thermoelectric Power Station

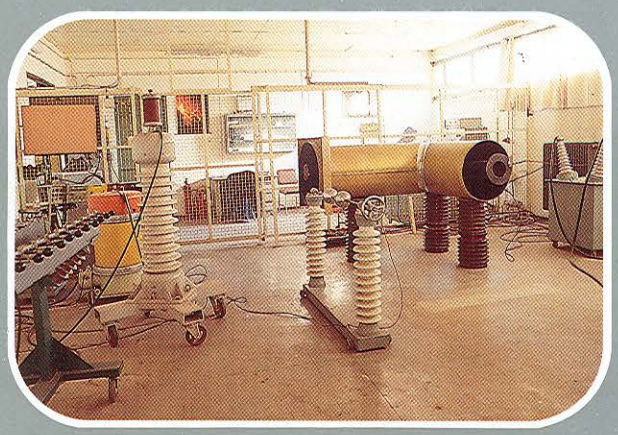
STALCO S.A.: ELECTRICAL DEPARTMENT
VOLOS INDUSTRIAL AREA - TEL 0421 - 95102

SPECIAL CONSTRUCTIONS

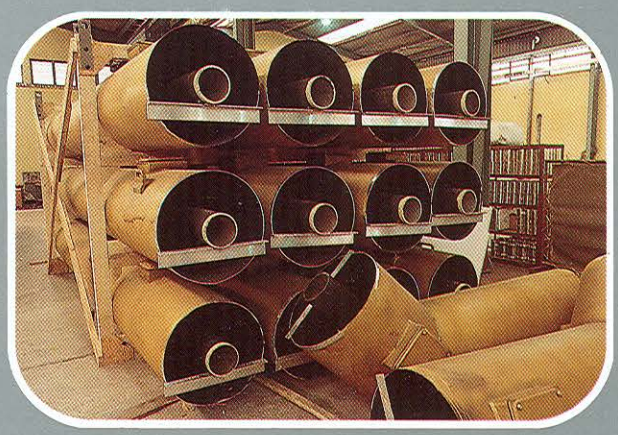
III. ALUMINIUM CONSTRUCTIONS



MANUFACTORING OF AL BUSBARS FOR HYDROELECTRIC POWER STATIONS
Tracing, cutting, rolling, assebling, welding and painting of Enclosures (Φ600X4mm, AL-quality: 1350) and Conductors (Φ180X10m, Al-alloy: 6101)



ELECTRICAL TESTING OF BUSBARS IN TESTROOM

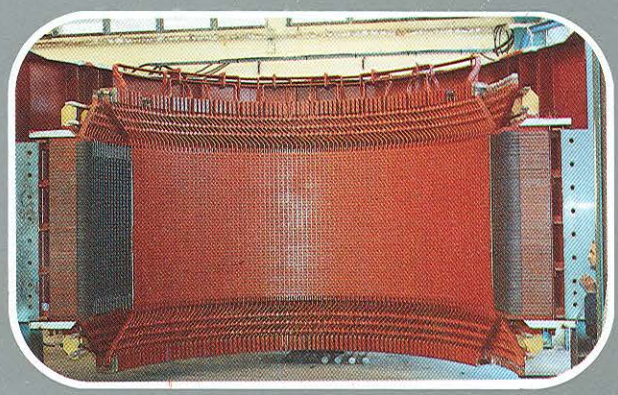


BUSBARS READY FOR SHIPMENT

IV. STATOR CONSTRUCTIONS

STATORS FOR HYDROELECTRIC POWER PLANTS

STATOR OF POWER - PLANT «GIONA»
Dimensions: Φ2500X1565 (height)
Electrical - characteristics: 9,4MW, 6300V, 861A
Weight: 16,8t



STATOR OF POWER - PLANT «PIGAI AOOS»
Dimensions: Φ6455X3565mm
Electrical - characteristics: 122 MW, 15750 V, 4472 A
Weight: 120t

Electrical Tests in factory: 1) High voltage test at 2UN†1KV 2) Magnetization test 3) Insulation resistance measurement at 1000VX1MIN 4) Ohmic resistance measurement of each phase 5) Ohmic resistance measurement of each temperature detector.

Photographs: E. Steliaros, tel (0421) 21552