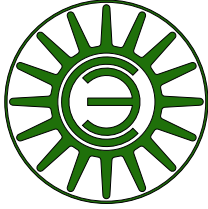


Casinghini Energia srl

Ingegneria, Progettazione e Costruzione scambiatori di calore



CASINGHINI ENERGIA srl

SCAMBIATORI DI CALORE
INGEGNERIA E COSTRUZIONE



Management
System
ISO 9001:2015



www.tuv.com
ID 9108633793

24128 Bergamo – Italy
Via Cifrondi, 13
Tel +39-035-4373206
Fax +39-035-264406
R.E.A.: BG/346722
C.F. P. I. e R.I.: 03067500169
info@casinghini-energia.it
www.casinghini-energia.it

Object: Information about Casinghini Energia

Since the end of 2003 Casinghini Energia srl work independently with its own design skill, coming directly from Casinghini srl, and with the support of qualified supplier for the supply of finned tubes, construction of carpentry and welding of pressure parts.

For exchange surface, Casinghini Energia can supply exchanger made by tubes with:

- Helicoidal fins,
 - Segmented helicoidal fins,
 - Fins type L, KL and Embedded for Air Heaters (copper or aluminum fins),
 - Square fins,
- as well as:
- Double finned tubes with rectangular fins (this allows to build finned hairpin without welding on bend side),
 - Tubes with aluminum extruded fins.

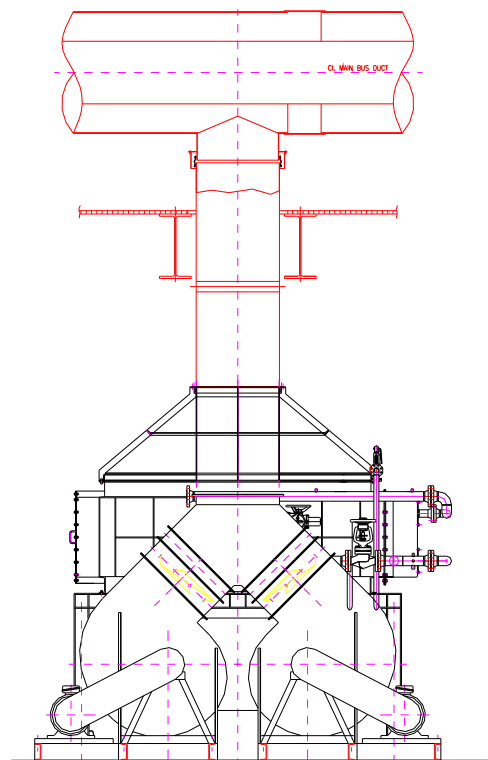
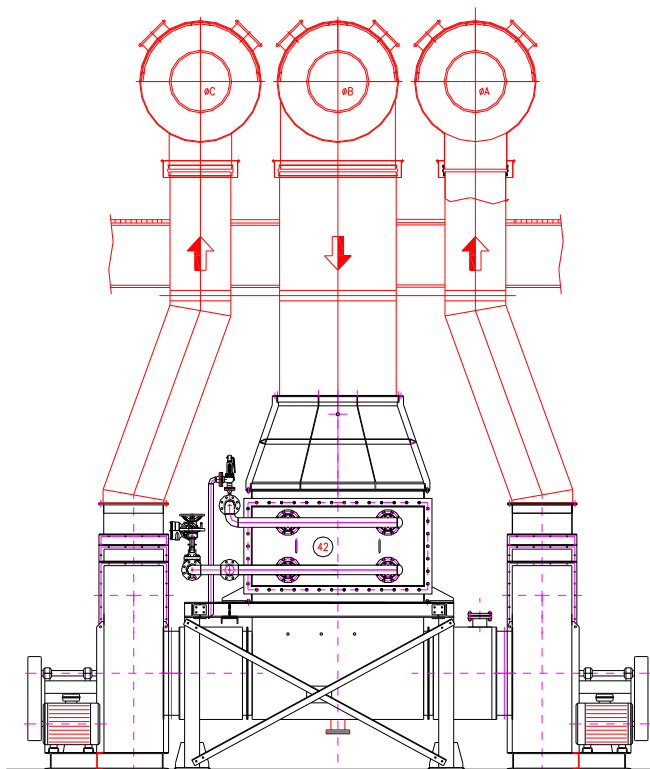
Carpentry parts (boiler casing, gas ducts, support frame and dampers) are built on our proven design about the relevant problems (gas tight welds, assembly of dampers, choice of material as Corten or alloy steel or stainless steel , pressure on gas side, etc).

An other basic step is the assembly of pressure parts by welding, this work is done by skilled firm with welders qualified as per UNI EN 287 and ASME IX (also ASME U Stamp) with a quality assurance service and internal quality control. NDT examinations are done by qualified personnel.

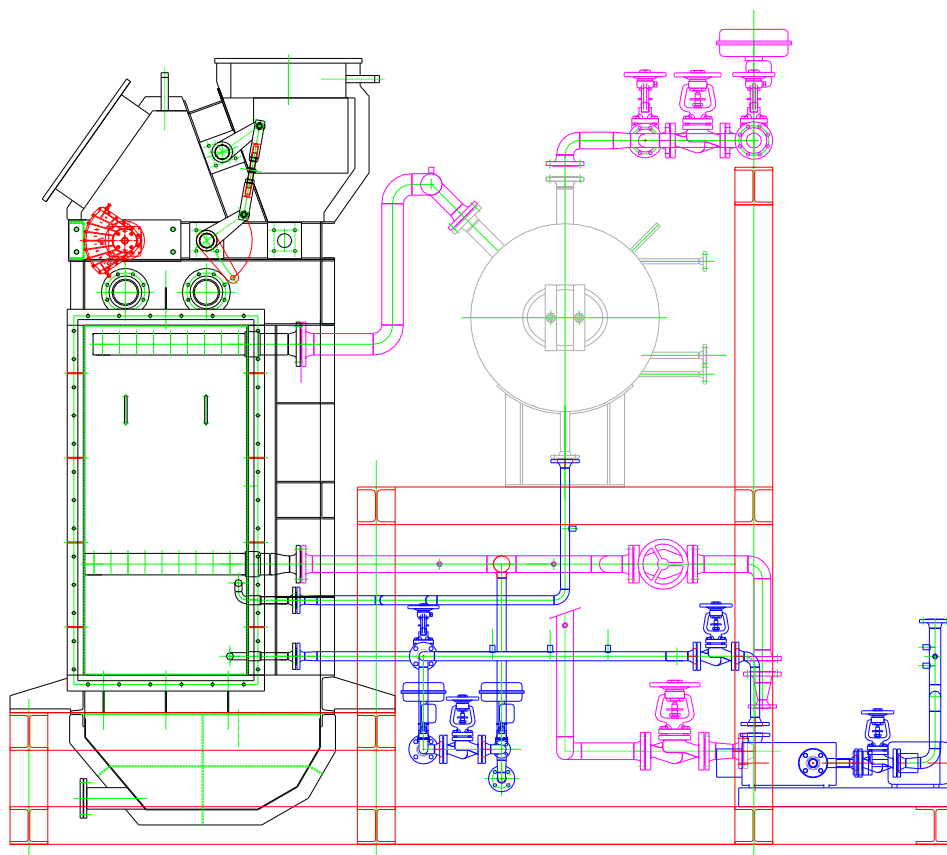
Design both thermal and mechanical, shop drawings, materials choice and purchase, coordination between various building steps, editing of test documentation to fulfill any request of Notified Body or Client Inspector and to get CE stamp of equipment or of assembly, all of these are steps done by Casinghini Energia. We can also achieve U Stamp or other kind of qualification like Gost or Dosh.

All of our exchangers are tailored on our client's needs and are designed for the specifically data and layout of the plant they will be placed in.

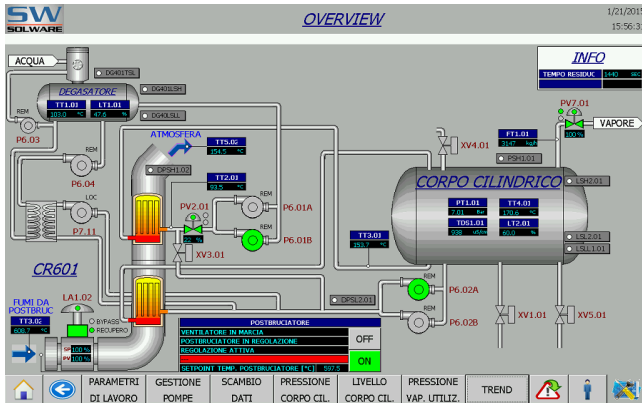
Here you can see some of our products.



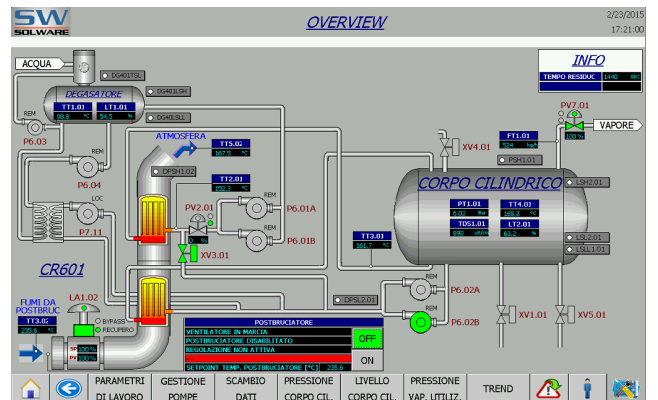
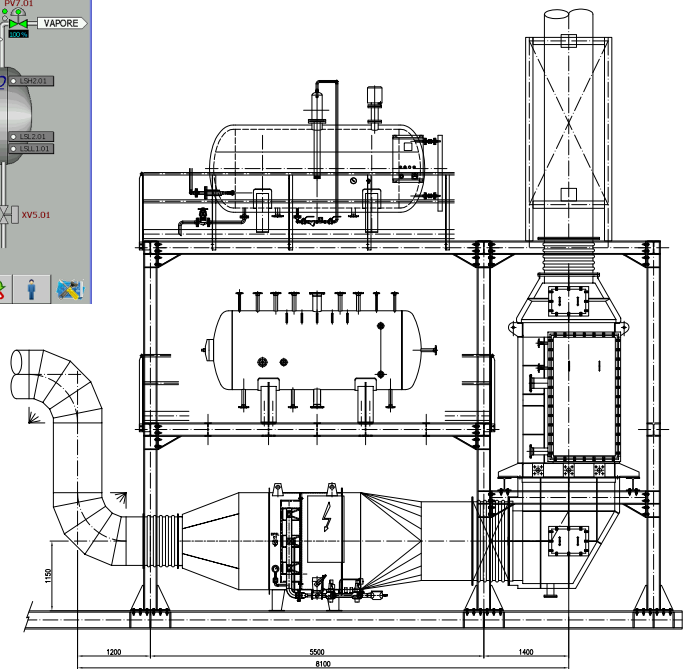
Design and construction of a whole system to cool IPB ducts for a Nuclear Power Station



Steam generator (boiler and steam drum) assembled on a skid

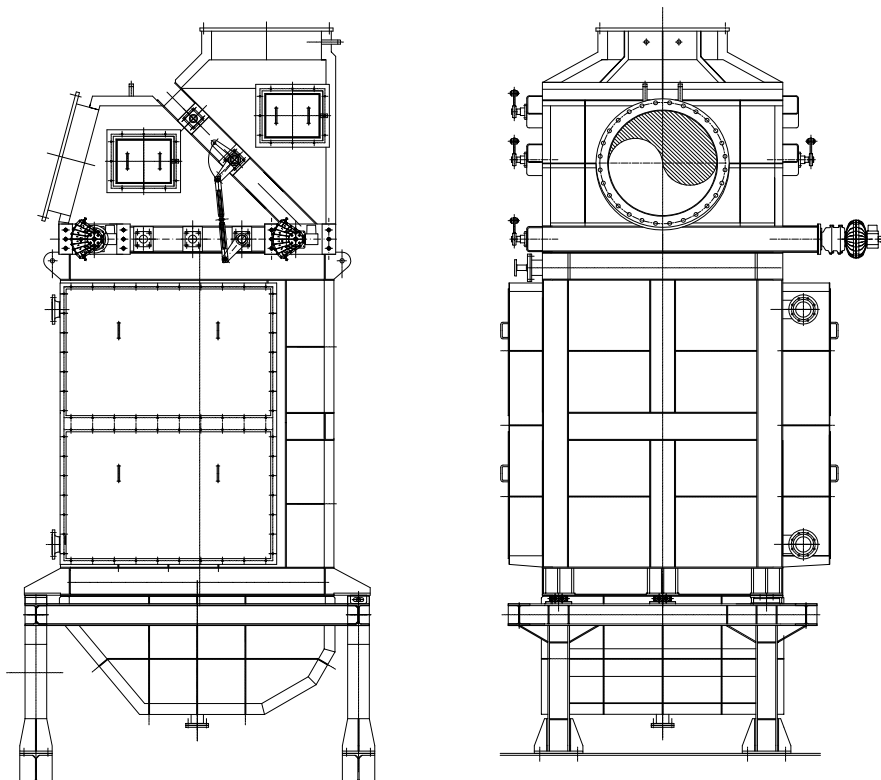


Steam production with
afterburner: 3200 kg/h

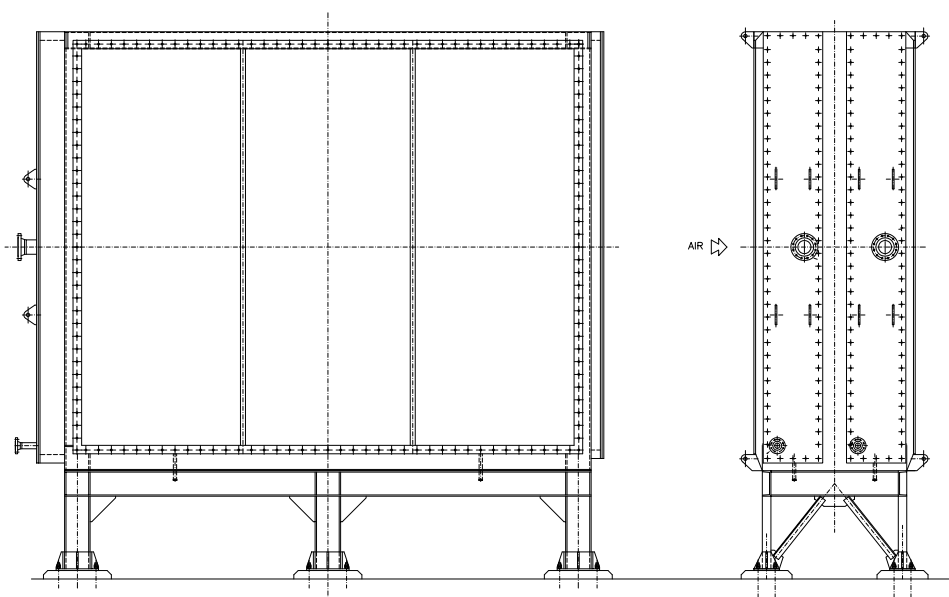


Steam production without afterburner:
700 kg/h

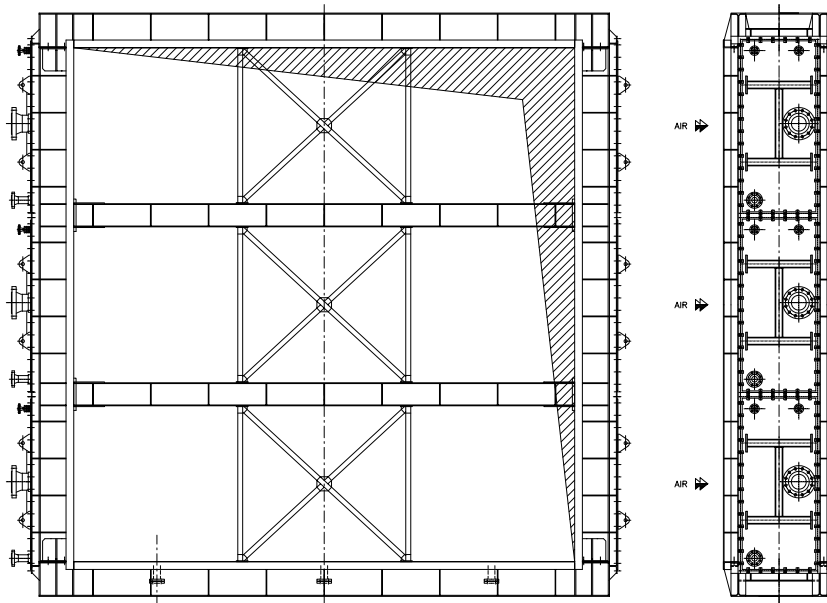
Gas Turbine Steam generator unit with afterburner



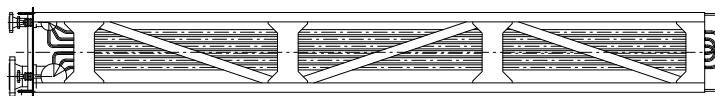
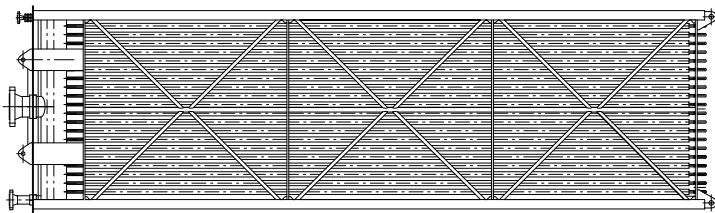
Waste heat recovery boiler with gas dampers



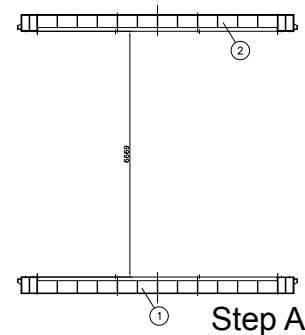
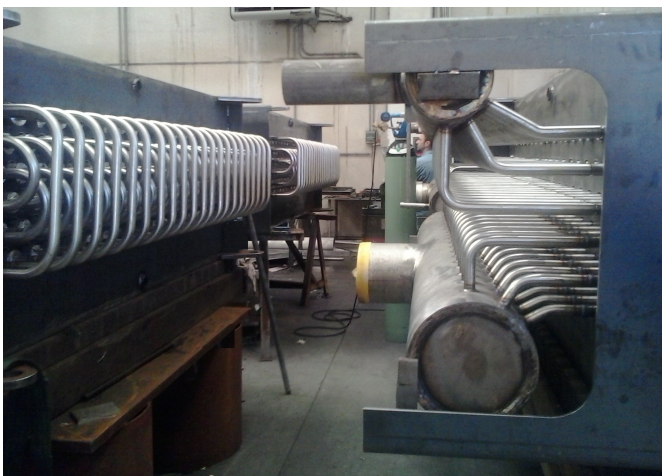
Air pre-heater for an electric power plant in Saudi Arabia



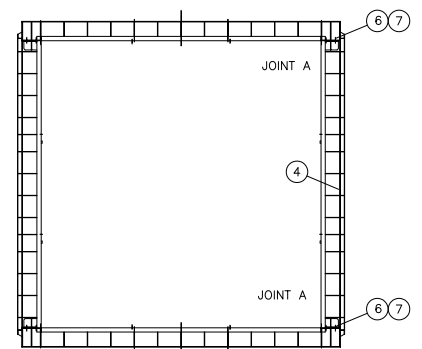
General Arrangement



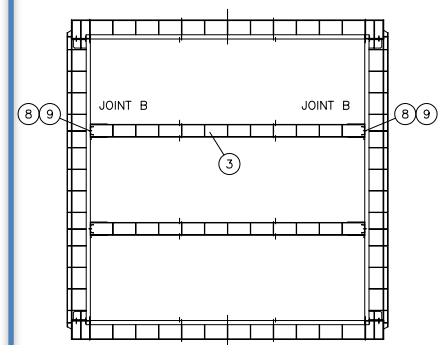
Single Coil element (3 each SCAPH)



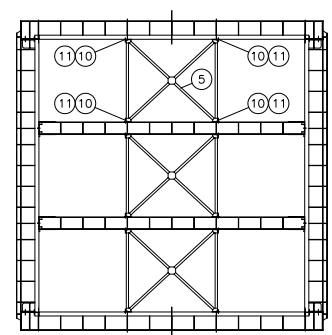
Step A



Step B



Step C



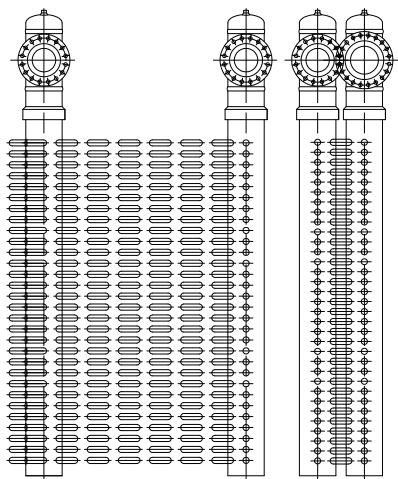
Step D

On site structure assembly sequence

Air pre-heater for an electric power plant in Saudi Arabia (size 8000x7600x1500)



CONSTRUCTION



DESIGN



TRANSPORT

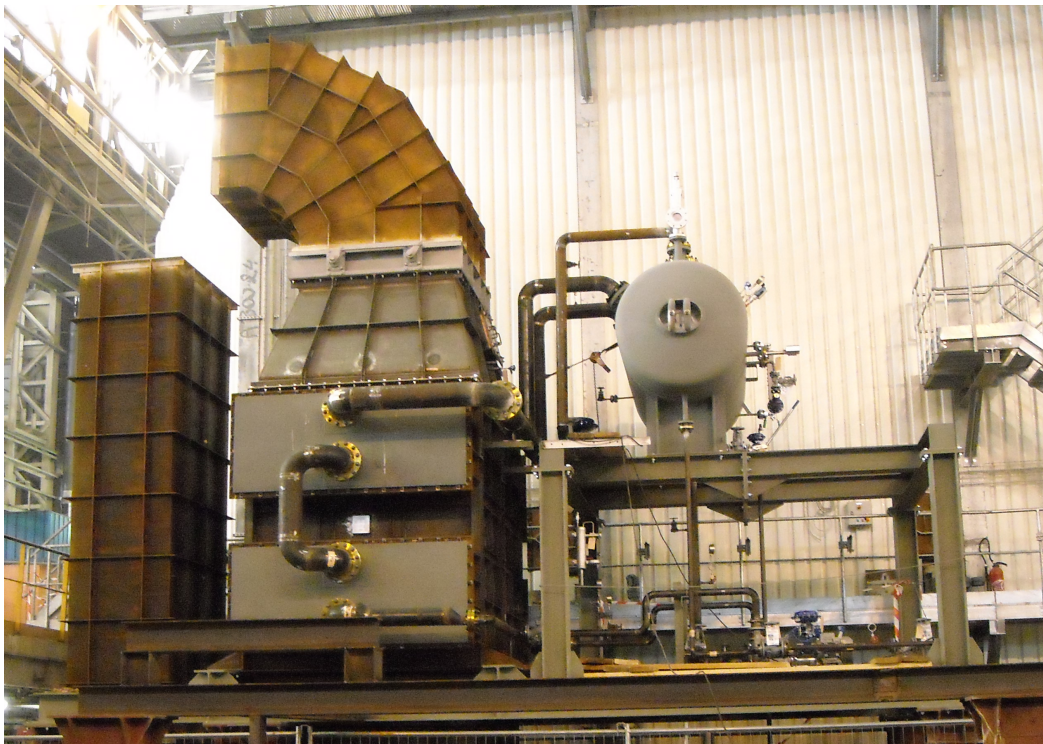
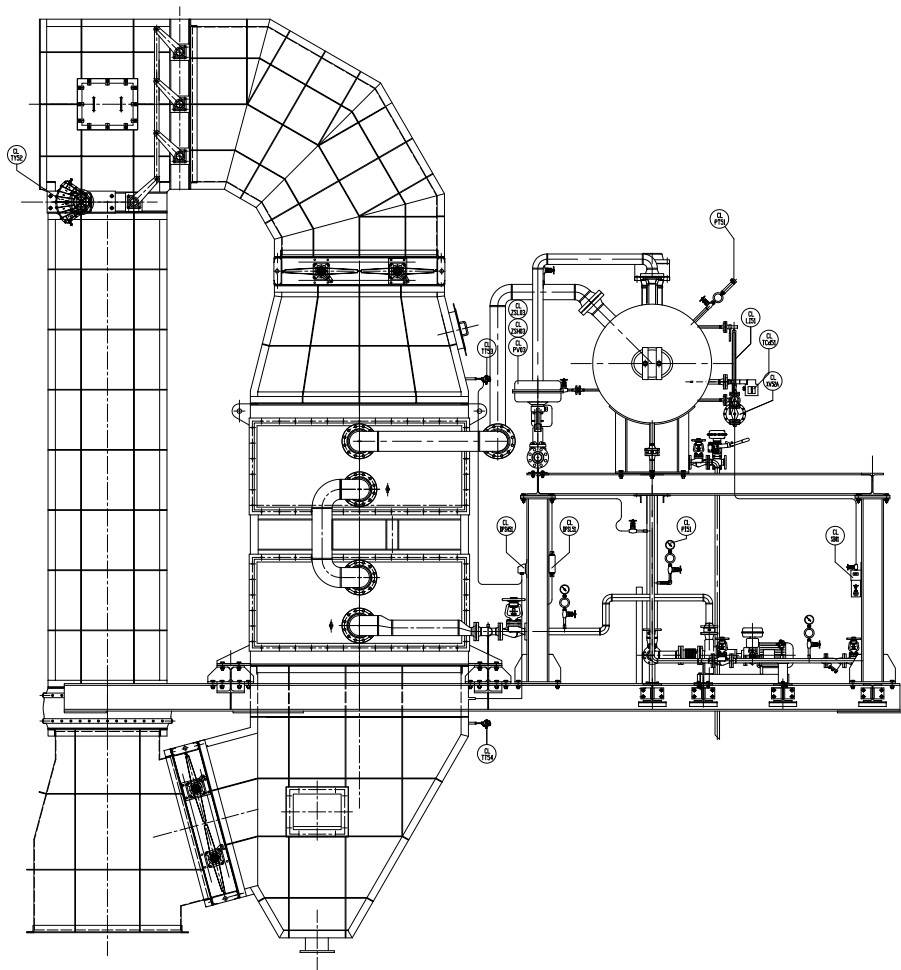


START-UP

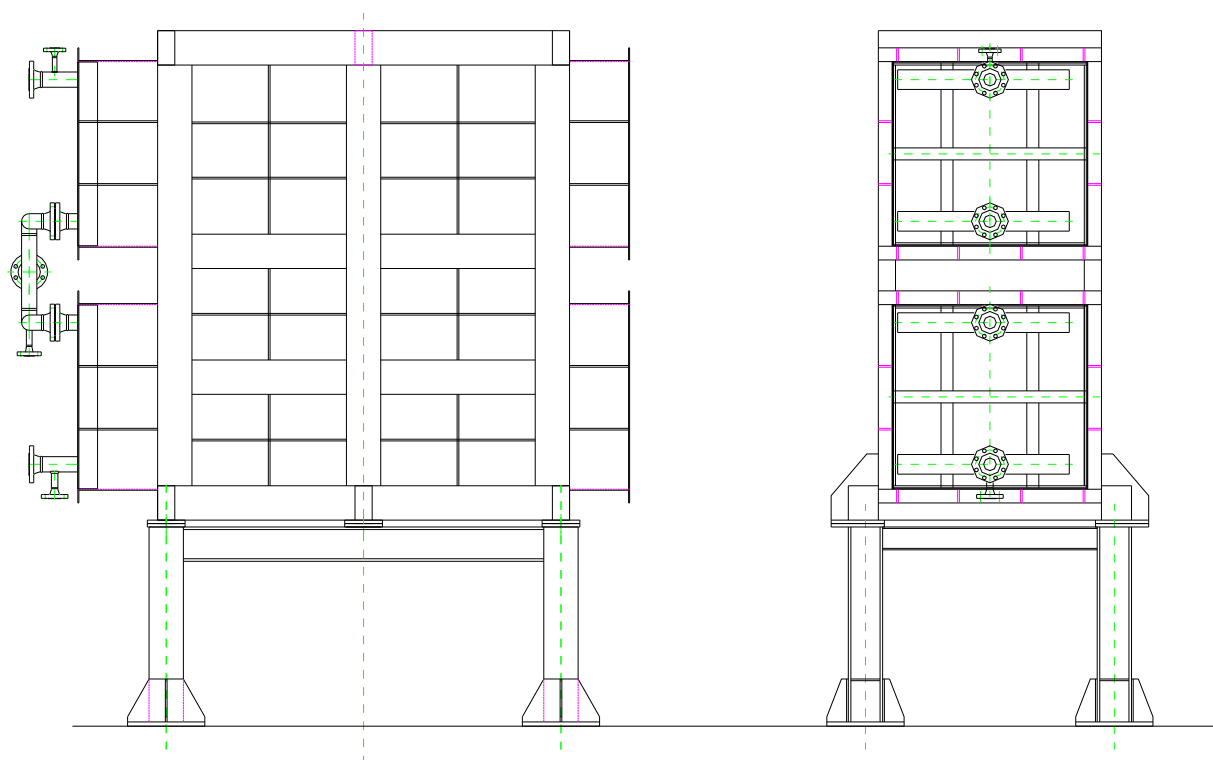


ON SITE INSTALLATION

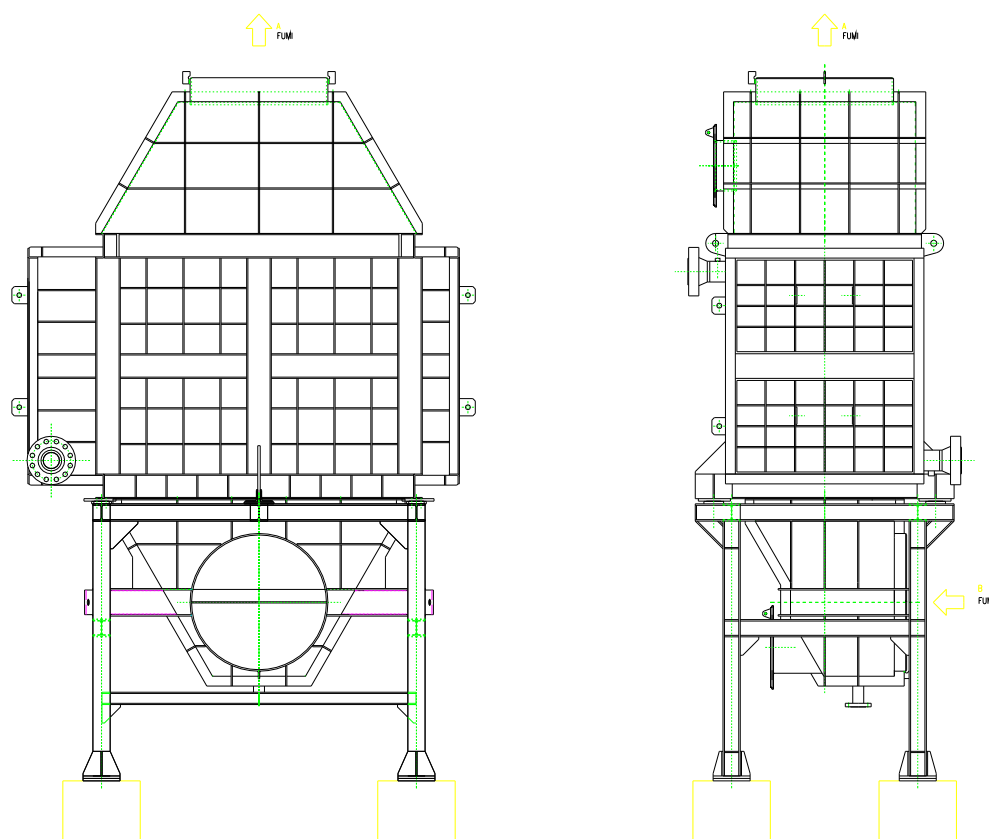
Steam Superheater (55 Ton)



Heat Recovery Boiler



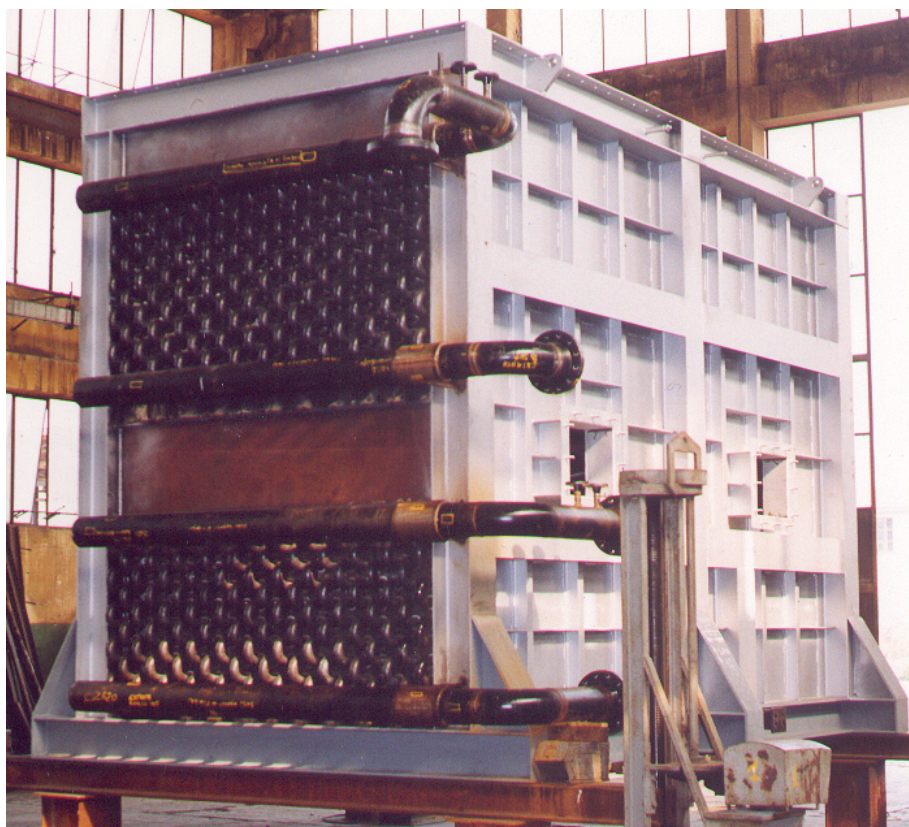
Economizer for a sulphuric acid plant



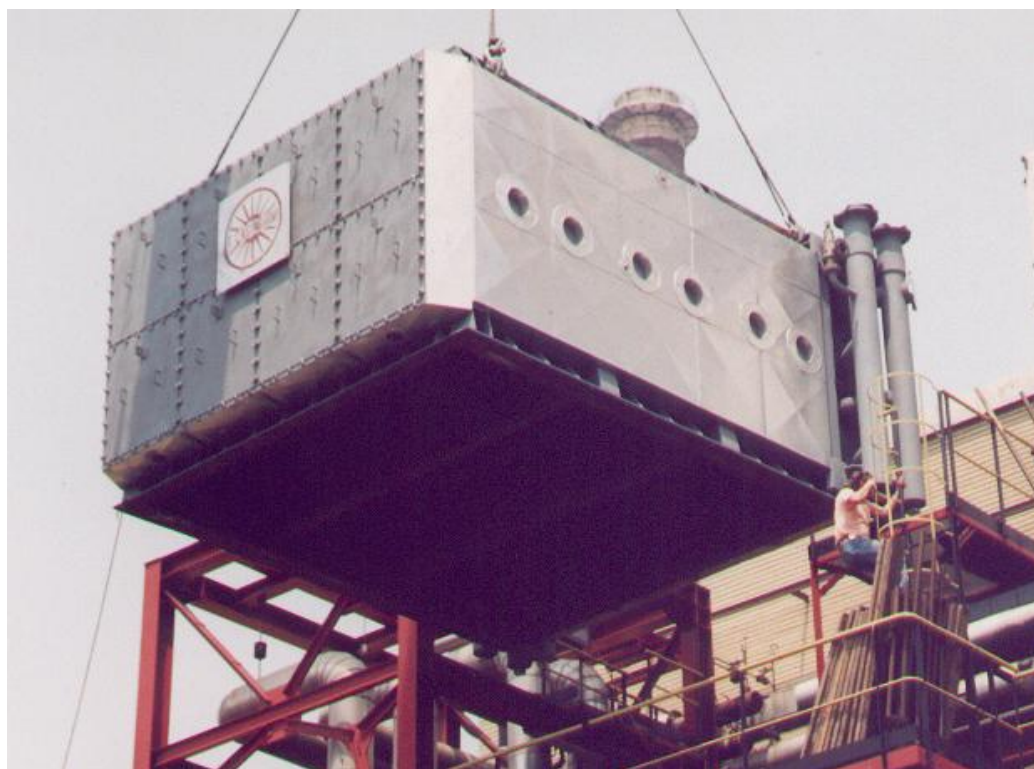
Superheater for a sulphuric acid plant



Control panel for an exchanger or steam generator



Low temperature economizer for an incinerator (Lomellina)



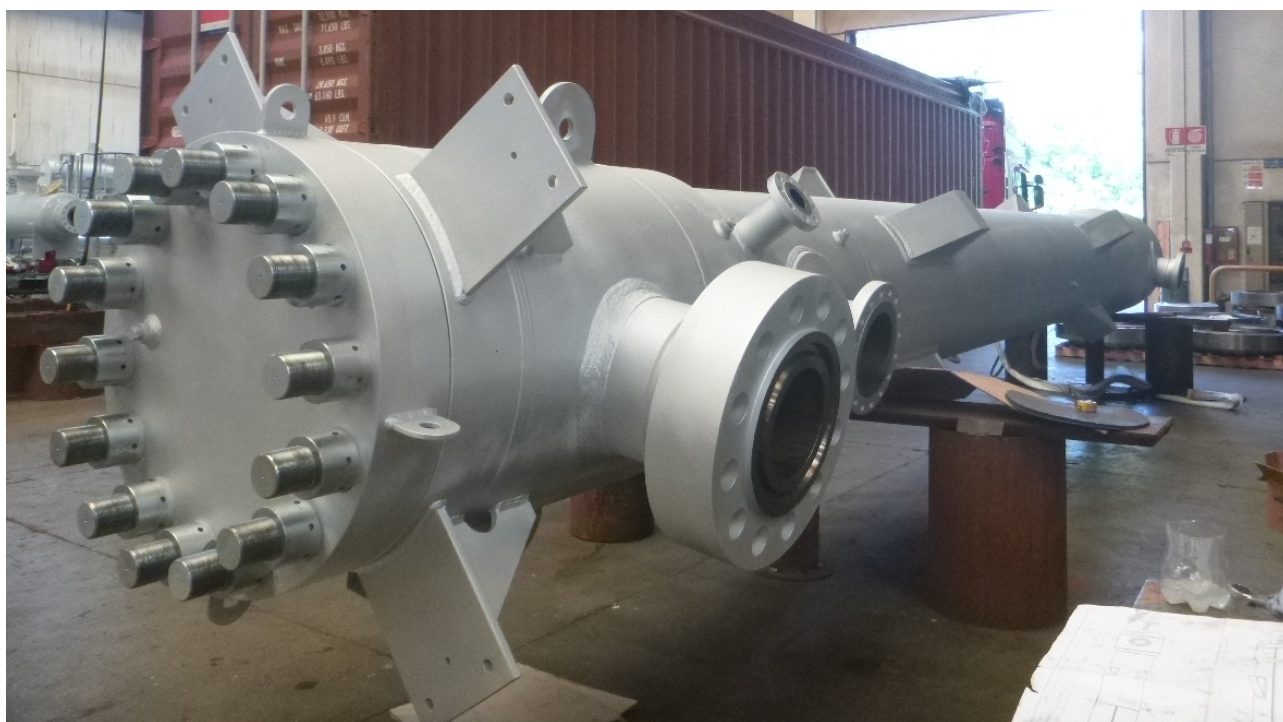
Economizer at the exhaust of a gas turbine (FIAT Torino)



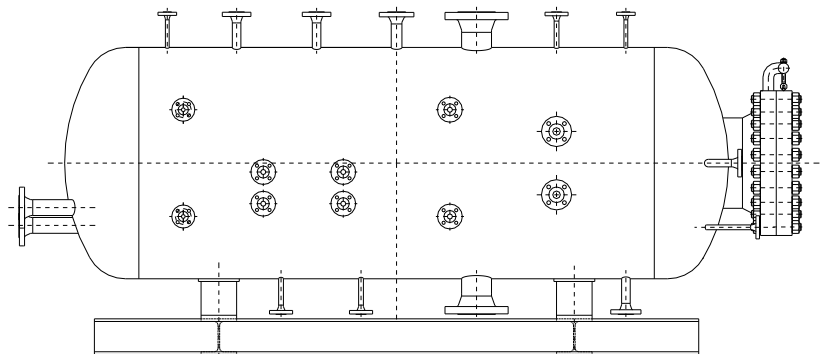
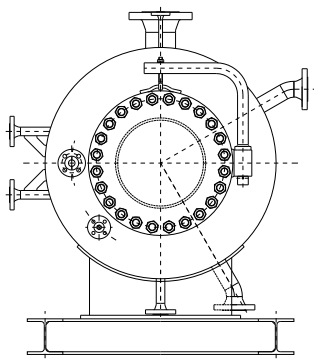
Gas damper



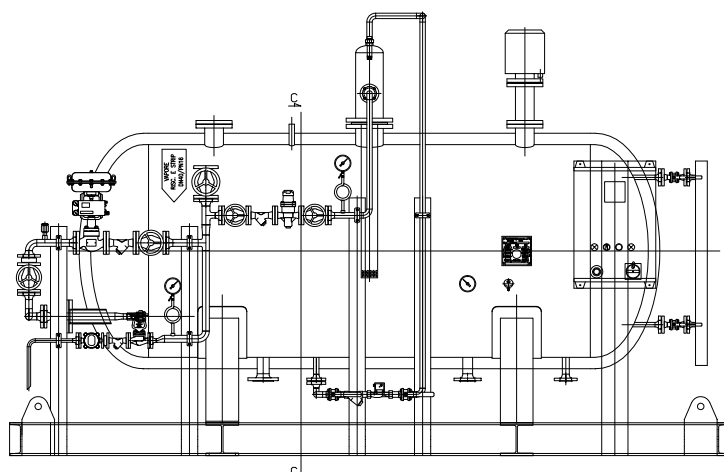
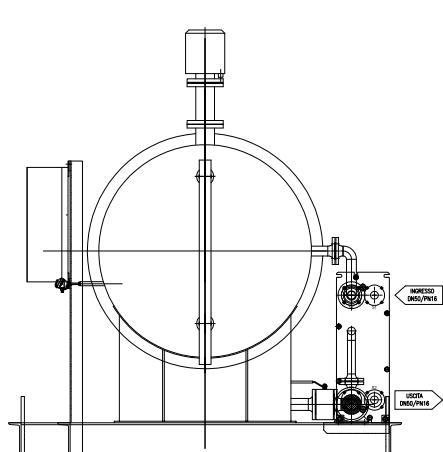
Air-air exchanger fully made in stainless steel AISI 316L (Kazakhstan Caspian sea)



Shell and tube heat exchanger



Steam Drum



Deaerator



Certificate

Standard **ISO 9001:2015**

Certificate No. 39 00 2561701

TÜV Rheinland Italia S.r.l. certifies:

Certificate Holder: **Casinghini Energia s.r.l.**

via Cifrondi, 13
24128 Bergamo (BG)
Italy

Scope: Design, procurement of material, services and management of orders relating to construction and supply of heat exchangers and pressure equipmen. Tests and final controls

IAF sector: 34, 35

Proof has been furnished by means of an audit that the requirements according to ISO 9001:2015 are fulfilled.

The due date for all future audits is 02-01

Validity: The certificate is valid from 2020-04-04 until 2023-04-03
First certification 2014

2020-03-02


TÜV Rheinland Italia S.r.l., Via E. Mattei, 3
I - 20010 Pogliano Milanese (MI)





Telefono : ++39 035 4373206

Fax : ++39 035 264406

e-mail : info@casinghini-energia.it

Indirizzo : Via Antonio Cifrondi 13, Bergamo 24128, Italia

P.IVA : 03067500169

