

EXCELLENCE IN STEEL FABRICATED EQUIPMENT.

Pressure Vessels

Skid Packaging

Evaporators

Heat Exchangers

Process Towers

Storage Tanks

QUALIFICATION AND ABILITY TO SERVE THE INDUSTRY





Horizontal Cylindrical Vessel, ϕ 4,700 mm x 16,600 mm.
Net Weight – 80 ton

Markets served

Food, Fertilizers, Mining, Oil & Gas, Pulp and Paper, Chemical & Petrochemical, Metallurgy.

Main products

Design, fabrication and site erection

Pressure Vessels

Evaporators

Skid Packaging

Heat Exchangers

Process Towers

Storage Tanks

Fabrication Materials

Carbon Steel A-36, A-283-C, A-285-C, A-516-60/70, A-572-50

Stainless Steel 304, 304L, 316, 316L, 317L, 904L

Duplex UNS31803 / 32205

Super Duplex UNS32750

Inconel 625

Design and Fabrication Standards

ASME Section VIII Division I

TEMA

API 650 & 620

AISC

NR-13

NBR-06123 and 07821

PETROBRAS

Welding Processes

According to ASME Section IX & AWS

Processes: FCAW - SAW - GTAW - GMAW

Qualified Inspectors: SNQC - FBTS - ASNT - ABENDE

World Class Certification Agencies

ABS, DNV, Bureau Veritas, Lloyds Register

Non Destructive Examination (NDE) Inspections

Dimensional Inspections

Hydrostatic Tests up to 12,000 psi

Pneumatic Tests

Dye Penetrant Tests

Magnetic Particle Tests

Ultrasound Pulse Echo / Ultrasound Phase Array / X-Ray



Deaerating Towers, ϕ 4,800 mm x 23,000 mm. Net Weight - 110 ton.



Deaerator, ϕ 2,700 mm x 11,700 mm. Net Weight – 20 ton.



Fermenter, ϕ 4,800 mm x 31,200 mm. Net Weight – 70 ton.



Evaporator, ϕ 2,800 mm x 28,000 mm. Net Weight – 80 ton.



Filters, ϕ 3,800 mm x 5,000 mm (H). Net Weight – 20 ton.

Industrial Areas and Office Facilities

Capim Fino Manufacturing Complex

Total area of 350,000 m².

50,700 m² manufacturing (covered) area.

Vila Rezende Complex – Mechanical Shop

Total area of 40,000 m².

30,000 m² manufacturing (covered) area.



Floaters, ϕ 4,800 mm x 13,000 mm (H). Net Weight – 44 ton.



Process Skid



Condensing System, ϕ 2,380 mm x 12,800 mm. Net Weight – 101 ton.



Pulper Tank, 2,800 mm x 6,800 mm x 3,800 mm.



Deaerating Towers, ϕ 4,500 mm x 19,900 mm. Net Weight – 90 ton.



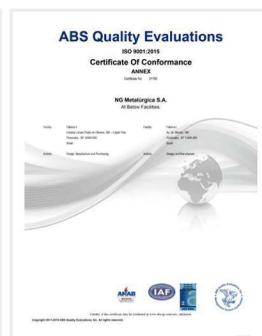
Pressure Vessel, ϕ 2,400 mm x 8,000 mm. Net Weight – 10 ton.



Sulphur Furnace, ϕ 5,200 mm x 19,800 mm. Net Weight – 76 ton.



Floaters, ϕ 11,000 mm x 2,900 mm x 2,000 mm. Net Weight – 7 ton.



NG Metalúrgica S/A

Energia . Etanol . Indústria . Automação . Sistema Service

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