

CASE HISTORY



FRP External Recycle Slurry pipes

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EQUIPMENT:

FRP External Recycle Slurry pipes

PLANT:

SNET Huchet

ENGINEERING / CUSTOMER:

ALSTOM

LOCATION:

Huchet France

TECHNICAL DATA:

Power: 1 x 600 MW

Absorber Nr.: 1

Diameter of the Absorber: 16.800 mm

Nr. of inlet pipes: 3 (from pumps to absorber)

Nr. of outlet pipes: 3 (from absorber to pumps)

Diameter of the FRP pipes: 1.200 mm

Type of connection: laminated

WEIGHT:

22.700 kg

SELIP DRAWINGS:

Nr. 05 AL 510201 11 D

ENVIRONMENT:

Slurry

PRESSURE:

Design pressure: 4 bar

Working pressure: 3 bar

TEMPERATURE:

Design temperature: 60°C

Working temperature: 50°C

RESIN:

FRP Vinyl Ester Resin – Derakane D-411

TYPE OF LAMINATE:

- Inside Liner:

Hand-Lay-UP – “C” glass + “ADVANTEK” glass +
filler type Quarz Fluor Silane Treated

- Mechanical structure:

Filament Winding FW – Direct Rowing 2400 tex

- Outside finish:

Hand-Lay-UP – Polyester Veil type UV Absorber

YEAR:

Installed in 2006

FABRICATOR:

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