

CASE HISTORY



FRP SPRAY BANKS



CASE HISTORY

EQUIPMENT:

FRP spray banks

PLANT:

Luzhou

ENGINEERING / CUSTOMER:

Electric power station

LOCATION:

Luzhou – (China)

TECHNICAL DATA:

Power: 1x 600 MW

Absorber Nr.: 1

Diameter of the Absorber: 15.600 mm

Nr. of levels: 4

Nr. of main pipe per level: 1

Nr. of branches per level: 14

Nr. of Spray Nozzles per level: 140

Type of Spray Nozzles: Hollow cone

Type of connection: flanged

WEIGHT:

16500 kg

SELIP DRAWINGS:

CD-101

ENVIRONMENT:

Slurry

PRESSURE:

Design pressure: 40 psig (Stress Analysis)

TEMPERATURE:

Design temperature: 140°F (Stress Analysis)

RESIN:

FRP Vinyl Ester Resin – Derakane D-411

TYPE OF LAMINATE:

- Inside Liner: Hand-Lay-UP – “C” glass +

“ADVANTEK” glass + anti abrasion filler

- Mechanical structure:

Hand-Lay-UP – woven roving + MAT

- Outside Liner: Hand-Lay-UP – “C” glass +

“ADVANTEK” glass + anti abrasion filler

YEAR:

Installed in 2007

FABRICATOR:

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