

## CASE HISTORY



## FRP SCRUBBER

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### EQUIPMENT:

Nr. 4 FRP Scrubbers  
1st - Nr. 2 HCL waste incinerators  
2nd - Nr. 2 SO2 waste incinerators

### PLANT:

Waste incinerator plant

### ENGINEERING / CUSTOMER:

Local Municipality

### LOCATION:

Zwentendorf - Austria

### TECHNICAL DATA:

1st - Ø 2.500/3.500 mm – H = 15.000 mm  
2nd - Ø 4.500 mm – H = 31.000 mm

### WEIGHT:

1st - 15.000 kg  
2nd – 50.000 kg

### SELIP DRAWINGS:

01TS020201010B

### ENVIRONMENT:

HCL fumes

### PRESSURE:

1st - Design pressure: +35/-70 mbar  
Working pressure: +35/-70 mbar  
2nd -Design pressure: +35/-70 mbar  
Working pressure: +35/-70 mbar

### TEMPERATURE:

1st - Design temperature: 150°C  
Working temperature: 80°C  
2nd Design temperature: 80°C  
Working temperature: 80°C

### RESIN:

1st - FRP Vinyl Ester Resin – Derakane D-470  
2nd - FRP Vinyl Ester Resin – Derakane D-411

### TYPE OF LAMINATE:

Liner:

Hand-Lay-UP – “C” glass + “ADVANTEK” glass

Structure:

Filament Winding – Continuous Rowing

### YEAR:

Installed in 2002

### FABRICATOR:

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