

**VESSEL**

Manganese Dioxide Tank (R.E.L.)

**SIZE**

Carbon steel shell, 22'6" Ø  
x 12'3" high

**OPERATING CONDITIONS**

Temperature 25-40 °C  
Acid H<sub>2</sub>SO<sub>4</sub> - 20 %  
Solids MnO<sub>2</sub>

**LINING SPECIFICATIONS**

Monolithic wall and floor lining:  
Atlas Chempruf 1400, vinyl-ester  
resin, glass flake reinforced lining,  
3mm thick.

Brick lining on floor: 1 layer of 2 " red shale acid brick, embedded in Atlas Carbo-Alkor furan mortar, carbon filled.

**QUANTITIES**

Wall lining 866 ft<sup>2</sup>  
Floor lining 398 ft<sup>2</sup>

**DATE**

August 1996

