



## NITROGEN VAPORISER TUBE BUNDLE



**LOCATION:** Netherlands Refinery

**TYPE:** Serpentine Coils, Headers and Pipe Work

**APPLICATION:** Vaporising Liquid Nitrogen

**BOILER:** N/A

**MANUFACTURING SPEC:** Stoomvezen Code

**DIMENSION:** 3.5m x 1.8m x 1.8m

**MANUFACTURING DURATION:** 8 Weeks

**MATERIALS:** 25.4 x 1.65 ASTM A213 TP304 Coils  
168 x 14.27 ASTM A376 TP316 Headers  
114.3 x 8.54 ASTM A321 TP304 Pipework

**WELDS PROCEDURES & PROCESSES:** 316 to 304 TIG

**HEAT TREATMENT:** N/A

**NON DESTRUCTIVE TESTING:** 100% Radiograph of Butt Welds  
& 100% Dye Penetrant Branch Welds

**THIRD PARTY INSPECTOR:** N/A

**HYDRO TEST:** 128 barg



REF NUMBER: EH0175