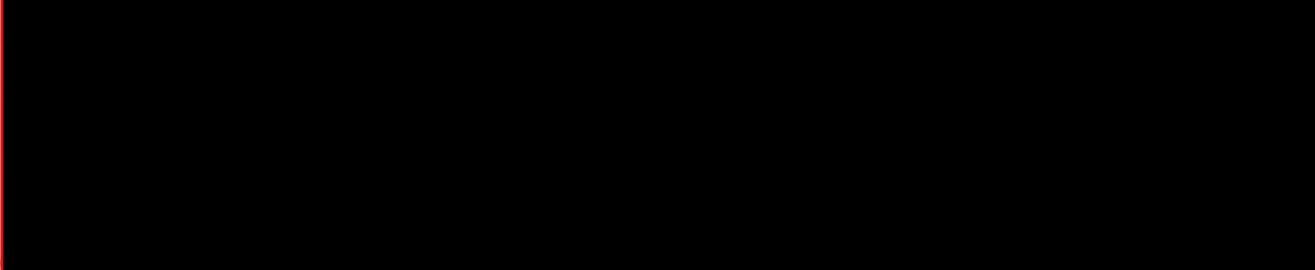




TEST REPORT



Laboratory Test No : PTS / 20414-4 / 96 Date Tested : 29 February 1996

Customer : Jurong Shipyard Ltd
5 Jalan Samulun, Jurong Town
Singapore 629122

P O / Order No : - Total Page : 4 Pages
Test Code : ASME IX : 1995 Your Ref : CQ/7088/177

Subject (as received) :
One welded steel pipe sample, 6" diameter Sch XXS, Marked : WPS No : 7088-88, with ABS stamp,
Position : 6G, Base Material : A106 Gr B, for Post Weld Heat Treatment.

Method :

(a) Rate of heating from room temperature to 400°C -- Not Restricted

(b) Rate of heating from 400°C to 620°C -- Not more than 200°C per hour

(c) Holding temperature -- 620°C ± 10°C

(d) Holding time -- Not less than 60 minutes

(e) Rate of cooling from 620°C to 400°C -- Not more than 180°C per hour

(f) After 400°C, the item was cooled in still air

(g) Chart speed of 2 inches / hour

Temperature Measurement : By type 'K' thermocouples attached to the surface of the test coupons.

Recorder : Speedomax 2500, Serial No : 9420-127458-001-004

Furnace Size : 2' x 1 1/2' x 1 1/2'

Temperature Record : See attached chart