TECHNICAL PETROLEUM SOLUTIONS

الحلول الفنية النفطية ش.م.م

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Inspection Certificate

Client	MBPS	**Date of Service**	22 Feb 2021
Department	CTU-7	**Recommended Due Date**	21 Feb 2022
Location	TPS NIZWA	**Report No**	IC-210222-02-09

Equipment Details

OEM Serial Number	505-3-376
Asset Number	-----
Equipment Description	2'' Elbow, M x F, Fig 1502
Manufacturer	SPM
Model / Part Number	-
CWP/SWL/Rated WP	10K
Service	H2S

Ultrasonic Wall Thickness Inspection

Gauge Serial No	70033	**Reading Points**	**A**	**B**	**C**	**D**
Calibration Date	16 Sep 2020	**Reading**	12.5	16.4	-	-
Calibration Due date	15 Sep 2021	**Minimum Thickness**	7.36	8.12	-	-

Pressure Test

Pressure Gauge S/N	296554003	**Chart Recorder S/N**	833351
Range	0-25000 PSI	**Range**	0-20000 PSI
Calibration Date	12 Nov 2020	**Calibration Date**	12 Nov 2020
Calibration Due Date	11 Nov 2021	**Calibration Due Date**	11 Nov 2021
Test Medium	Water	**Hold Time**	5 mins / 10 mins
Test Pressure	500 / 10000 PSI	**Temperature**	Ambient
Specification	PDO PR 1448	**Acceptance Criteria**	API SPEC 6A

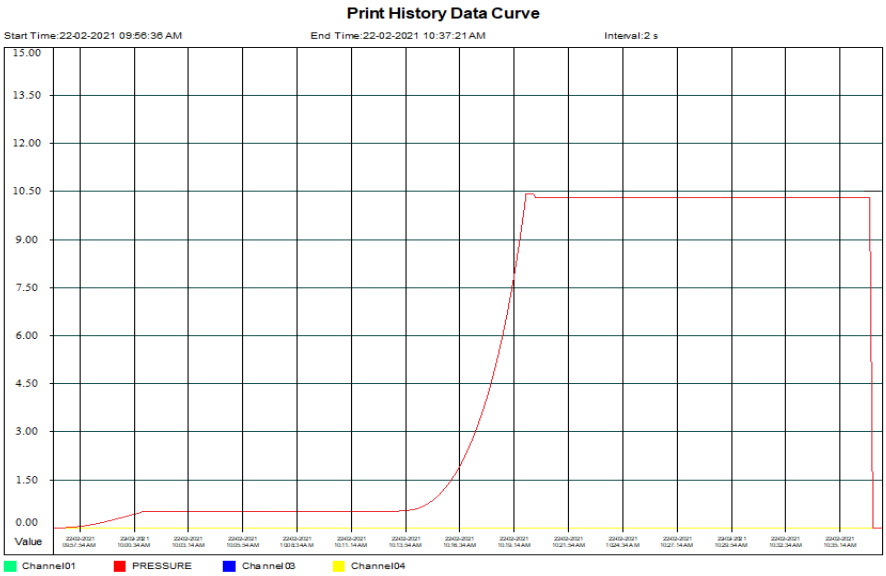
	M1	**M2**	**M3**	**M4**
Male Wing Sealing Face Dimensions	8.32	-	-	-

Magnetic Particle Inspection

Equipment Serial No	4277	**Calibration date**	17 Dec 2020
Result	Acceptable	**Calibration Due date**	16 Dec 2021

Pictures

Pressure Test Chart



Results

Visual examination, MPI on threads, Thread gauging conducted on connections, found acceptable. No visible leakage observed during pressure test. Passed acceptance criteria.

Inspected by	Checked and Approved by
B Sreenivasalu **ASNT NDT Level II**	**Karthik Manohar** **QA/QC Manager**

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