



ACCREDITATION CERTIFICATE

196-LB-TEST

Emirates International Accreditation Centre

has accredited

TMK GULF INTERNATIONAL PIPE INDUSTRY LLC

Sohar PEIE Real Estates Phase V, Plot #5103

Sohar-Sultanate of Oman

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories
to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force
within the validity period printed below, subject to continuing compliance with the requirements of
the accreditation criteria.

Validity: 20/01/2019 to 19/01/2022

Initial Accreditation Date: 20/01/2019




CHIEF EXECUTIVE OFFICER
APPROVAL



Accreditation Scope
Metallurgical Testing
196-LB-TEST

TMK GULF INTERNATIONAL PIPE INDUSTRY LLC

Sohar PEIE Real Estates Phase V, Plot #5103

Sohar-Sultanate of Oman

Issue no.: 01 Rev. 00

Date: 20-01-2019

Valid to: 19-01-2022

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical	Carbon Steel Pipes	Tensile Test for determination of Ultimate Tensile Strength Yield Strength % Elongation Range of Load : 20 kN to 800 kN at Ambient Temperature Range of Elongation upto 60%	ASTM A370 Standard test methods and definitions for mechanical testing of steel products ASTM E8/E8M Standard Test Methods for Tension Testing of Metallic Materials
		Charpy V-Notch Impact Test Range of Test Temperature : -80°C to Ambient Temperature Range of Absorb Energy : 2.0 Joule to 500 Joule	ASTM A370 Standard test methods and definitions for mechanical testing of steel products ASTM E23 Standard Test Methods for Notched Bar Impact Testing of Metallic Materials
		Vickers Hardness Test Vickers Hardness Range: Hv5 & Hv10	ASTM E92 Standard Test Methods for Vickers Hardness and Knoop Hardness of Metallic Materials
Chemistry	Carbon Steel Pipes	Determination of C, Si, Mn, P, S, Cr, Mo, Ni, Al, Cu, V, Nb, Ti, Ca, B	ASTM E415 Standard Test Method for Analysis of Carbon and Low-Alloy Steel by Spark Atomic Emission Spectrometry
		Hydrogen Induced Cracking (HIC)	NACE TM0284 Evaluation of Pipeline and Pressure Vessel Steels for Resistance to Hydrogen-Induced Cracking.

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemistry	Carbon Steel Pipes	Sulfide Stress Corrosion Cracking (SSCC)	NACE TM0177 Laboratory Testing of Metals for Resistance to Sulfide Stress Cracking and Stress Corrosion Cracking in H2S Environments
			ASTM G39 Standard practice for preparation and use of bent-beam stress corrosion test specimens

Accreditation History			
Issue no.	Rev. no.	Details	Date
01	00	Granting accreditation from EIAC (which formally was known as DAC)	20/01/2019