



# ACCREDITATION CERTIFICATE

**087-LB-TEST**

**Emirates International Accreditation Centre**

has accredited

**JUBAIL ENERGY SERVICES COMPANY (JESCO)**

**IN-HOUSE LABORATORY**

Jubail Ind. City- Kingdom of Saudi Arabia

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: 31/05/2020 to 20/11/2022

Initial Accreditation Date: 21/11/2013



CHIEF EXECUTIVE OFFICER  
APPROVAL



## Accreditation Scope

### Metallurgy Testing

#### 087-LB-TEST

**Jubail Energy Services Company (JESCO)**

**In-House Laboratory**

**Jubail Ind. City- Kingdom of Saudi Arabia**

Issue no.: 05

Date: 31-05-2020

Valid to: 20-11-2022

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical Testing	Tubular Steel Products	Charpy Impact	ASTM A333
		Capacity up to 500J	ASTM A334
		Temperature range (-25 °C to ambient & -50 °C)	ASTM A370 ASTM E23 API 5CT API 5L
		Collapse test	API TR5C3
		Flattening test	ASTM A370
		Brinell hardness test	ASTM A370
		HBW (10/3000)	ASTM E10
Rockwell hardness test (HRC)			ASTM A370
			ASTM E18
			API 5CT

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical Testing	Tubular Steel Products	Vickers hardness test (Hv10 )	ASTM A370 ASTM E92
Mechanical Testing	Tubular Steel Products	Tensile (Ambient Temperature)	ASTM A370 ASTM E8/E8M API 5CT API 5L
Corrosion	Steel product	Resistance to hydrogen induced cracking (HIC test) Using solution A (NaCl + CH <sub>3</sub> COOH)	NACE TM 0284

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Issue no.: 05

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Type of Activity	Test Materials/Products	Test Name	Test Method
Chemical	Steel	Determination of chemical composition in steel product by optical emission spectroscopy	Procedure JP-LAB-04
Corrosion	Steel product	Resistance to sulphide stress cracking (SSC) – NACE Standard Test Method A using solution A (NaCl + CH <sub>3</sub> COOH)	NACE TM 0177

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Type of Activity	Test Materials/Products	Test Name	Test Method
Corrosion	Steel product	Resistance to sulphide stress cracking (SSC) – NACE Standard Bent Beam Test Method B using solution A (NaCl + CH <sub>3</sub> COOH)	NACE TM 0177

Accreditation History		
Issue no.	Details	Date
5	Renewal Accreditation	31-05-2020
4	First issuance under the name of EIAC (Which was formerly known as DAC)	06-03-2019