



ACCREDITATION CERTIFICATE

LB-162-TEST

Dubai Accreditation Department

has accredited

**Jubail Energy Services Company (JESCO)
In-House Laboratory
Jubail Ind. City- Saudi Arabia**

In accordance with the requirements of ISO/ IEC 17025: 2005 to undertake the tests
in the field of:

Metallurgical Testing

For the tasks listed in the attached Scope of Accreditation

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

Validity of Certificate: from 21- 11- 2016 to 20- 11- 2019

Initial Accreditation Date: 21- 11- 2013


/Director, Dubai Accreditation Department



SCOPE OF ACCREDITATION
Metallurgical Testing

Jubail Energy Services Company (JESCO)

In-House Laboratory

Jubail Ind. City- Saudi Arabia

Issue No: 03

Issue date: 19- 02- 2017

Accreditation Certificate No: LB-162-TEST

Type of Task	Materials/Products	Task Name	Standard method
Mechanical Testing	Tubular Steel Products	Charpy impact (Ambient to -25°C & -196°C)	ASTM A333 ASTM A334 ASTM A370 ASTM E23 API 5CT API 5L
		Collapse Test	API TR 5C3
		Flattening Test	ASTM A 370
		Hardness Brinell	ASTM A 370 ASTM E 10
		Rockwell	ASTM A370 ASTM E18 API 5CT
		Vickers	ASTM A370 ASTM E384
		Tensile (Ambient Temperature)	ASTM A370 ASTM E8/E8M API 5CT API 5L
		Nick break test	API 1104

Note: For history details of accredited conformity assessment activities, please refer to Dubai Accreditation Department, Dubai Municipality.



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Metallurgical Testing

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Type of Task	Materials/Products	Task Name	Standard method
Corrosion	Steel Products	Resistance to hydrogen induced cracking (HIC test) Using solution A (NaCl + CH ₃ COOH)	NACE TM 0284
		Resistance to sulphide stress cracking (SSC) – NACE Standard Standard Tensile Test Method A using solution A (NaCl + CH ₃ COOH)	NACE TM 0177
		Resistance to sulphide stress cracking (SSC) – NACE Standard Bent Beam Test Method B using solution A (NaCl + CH ₃ COOH)	NACE TM 0177
Chemical	Steel	Determination of chemical composition in steel product by optical emission spectroscopy	Procedure JP-LAB-04

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