

Accreditation Scope

Aries Oil Field Services LLC, NAL 123
Testing Laboratory, (ISO/IEC 17025:2017)

Mussafah, Abu Dhabi, UAE

Issue Date: 18-05-2020
Issue No:02

Expiry Date: 30-06-2021

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Mechanical & Physical	Ferrous and Non Ferrous Materials, Weldments	Tensile Test 20kN-1000kN	AWS D1.1 D1.1M:2020	P
			AWS D1.6/D1.6M:2017	
			AWS B4:2016	
			ASTM E8/E8M:16a	
			ASTM A370:19e1	
			ASME BPVC IX: 2019	
			API1104 :2013 + A1:2019	
			API 5L 46th Edition: 2018	
			BS EN ISO 15614-1:2017+ A1:2019	
			BS EN ISO 4136:2012	
BS EN ISO 6892-1:2019				
Ferrous and Non Ferrous Material, Weldments	Hardness Test (Rockwell and Vickers) 150Kgf HRC, 100Kgf HRBW 10Kgf HV	Hardness Test (Rockwell and Vickers) 150Kgf HRC, 100Kgf HRBW 10Kgf HV	ASTM E18 – 2019	P
			BS EN ISO 6508-1:2016	
			BS EN ISO 6507-1: 2018	
			ASTM E92 – 17	
			AWS B4:2016	
			BS EN ISO 9015-1:2011	
			ANSI/NACE MR0175	
			ISO 15156-2015	
			API 5L 46th Edition: 2018	
Ferrous and Non Ferrous Materials, Weldments	Impact Test 0 to 300 Joules	Impact Test 0 to 300 Joules	ASTM A370:19e1	P
			ASTM E23 – 2018	
			AWS D1.1 D1.1M :2020	
			ASME BPVC.VIII-1 :2019	
			AWS B4:2016	
			API1104 :2013, API 5L 46th Edition: 2018	

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Mechanical & Physical	Ferrous and Non Ferrous Materials, Weldmen	Impact Test 0 to 300 Joules	ASTM A370:19e1	P
			ASTM E23 – 2018	
			AWS D1.1 D1.1M :2020	
			ASME BPVC.VIII-1 :2019	
			AWS B4:2016	
			API1104 :2013,	
			API 5L 46th Edition: 2018	
	Ferrous and Non Ferrous Material, Weldments	Bend Test 0-180 degree	AWS D1.1 D1.1M:2020	P
			AWS B4:2016	
			ASME BPVC IX: 2019	
			ASTM A370:19e1	
			ASTM E190 – 14	
			ASTM E290 - 14	
			API1104: 2013 + A1:2019	
API 5L 46th Edition : 2018				
BS EN ISO 15614-1:2017+ A1:2019				
BS EN ISO 5173:2010+A1:2011				

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Mechanical & Physical	Ferrous and Non Ferrous Materials Weldments	Macro Test	AWS D1.1 D1.1M:2020	P
			AWS D1.6/D1.6M:2017	
			AWS B4:2016	
			ASME BPVC IX: 2019	
			API 5L 46th Edition:2018	
			BS EN ISO 15614-1:2017+ A1:2019	
			ASTM E340:2015	
	ISO 17639:2003			
	Ferrous and Non Ferrous Materials Weldments	Metallurgical analysis- Micro	ASTM E407 :07 (2015)	P
			ASTM E1351:01(2012)	
ISO17639:2003				
ASM handbook 9:2004				
Chemical	Ferrous and Non Ferrous Material	Chemical Composition Analysis by using (Optical Emission Spectroscopy)	ASTM E415 – 17	P
			ASTM E1086 – 14	
END				