





Project Title: Jask Oil Terminal & Marine Facilities				CONT. No. : 1070-98-35		Page : 1 of 5					
				DOCUMENT CODE: JT-2-045-ACF-PR-001				Class			
				PRJ	AREA	PO SEQ.	SUP. ABB.		DOC. TYPE	SEQ. NO.	REV. NO.
				JT	2	045	ACF	PR	001	V1	1

Inspection and Test Plan

Equipment

Sacrificial Anodes for 36" Pipeline

Supplier

Aria Cable Fadak

Purchase Order NO.

JT-0-000-EL-PO-045





PROJECT

JASK OIL TERMINAL & MARINE FACILITIES

COMPANY

PARS OIL & GAS COMPANY

V0	11-Apr-2020	Issued For Comments	M.H	M.S	R.P
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED





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DEFINITIONS





H	Hold Point	<p>is a designate point during or following a specific activity at which inspection or examination shall not proceed unless the designate parties have witnessed the inspection and/ or test. Based on place of inspection and following the mutual agreement between Contractor and company, a written notice through a register check advise or other kind of official letter should be handed over from contractor to company and TPA, 3days in advance for regular inspection and 1 week in advance for special inspection or important stages of the work.</p> <p>TPA shall sign and seal the reports.</p> <p>Company and TPA shall sign copy of advice to confirm receipt of notification.</p>
W	Witness Point	<p>is a designate point during or following an important activity at which inspection or examination is required in accordance with the relative procedures. Work may proceed through the designate witness point if the inspector is not present for the previously established activity.</p> <p>However, CONTRACTOR is responsible to submit advise to company and TPA for witness 3days in advance in writing.</p> <p>TPA shall sign and seal the reports.</p> <p>Company and TPA shall sign copy of advice to confirm receipt of notification.</p>
R/A	REVIEW AND APPROVAL	Test will proceed with reviewing the test result or review of certificates and approval on report is required
V	Vendor	Aria Cable Fadak
TPA		Third Party Agency
I	Contractor	Iranian Offshore Engineering and Construction IOEC
P	Client	Pars oil and gas Company POGC

INDIUM ACTIVATED ALUMINUM ANODES:

ANODE TYPE	LENGTH mm	ANODE ID mm	ANODE THICKNESS mm	ANODE NET WEIGHT kg	ANODE QNY pair	ALLOY COMPOSITION
1	474	926.4	68	250	80	ISO 15589-2, TABLE 6 & SPECIFICATION: JT-2-000-EL-SP-087-D3
2	525.8	926.4	83	345	140	

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ITEM	TEST	REFERENCE	REQUIREMENT	TEST FREQUENCY	INSPECTION PARTIES & ACTIVITY			
					V	TPA	I	P
1	RAW MATERIAL CERTIFICATE	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	TEST REPORTS	100%	H	R/A	R/A	R
	1-1 INSERT MATERIAL		CERTIFICATE					
2	CHEMICAL COMPOSITION TEST	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	ALLOYS SHALL BE AS PER TABLE 6 OF ISO 15589-2 By ICP	2 SAMPLE FOR EACH HEAT (BEGINING AND END)	H	H	W	W
3	ELECTROCHEMICAL CAPACITY	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	2500 A.hr/kg IN SEA WATER	1 SAMPLE PER 15 T	H	H	W	W
4	CLOSE CIRCUIT POTENTIAL	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	-1.05 V IN SEAWATER Vs. Ag/AgCl REFERENCE ELECTRODE	1 SAMPLE PER 15 T	H	H	W	W
5	INSERT DIMENSION, POSITION AND WEIGHT, SURFACE PREPARATION	EN 12496 & SPECIFICATION: JT-2-000-EL-SP-087-D3 DRAWING NO. JT-2-000-EL-DW-181	AS PER REFERENCE STANDARD AND SPEC. REQUIREMENTS & DRAWING	100%	H	W	W	W
6	VISUAL INSPECTION: 6-1 CRACK, SHRINCKAGE & DEFECTS	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	AS PER REFERENCE STANDARD AND SPEC. REQUIREMENTS	100%	H	H	H	W
	6-2 ANODE WEIGHT	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3 RFQ:JT-2-000-EL-MR-274-D0	AS PER REFERENCE STANDARD AND SPEC. REQUIREMENTS & RFQ	100%	H	H	H	W
	6-3 ANODE DIMENSIONS AND STRAGHTNESS	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3 DRAWING NO. JT-2-000-EL-DW-181	AS PER REFERENCE DOCUMENTS REQUIREMENTS	100%	H	H	H	W

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ITEM	TEST	REFERENCE	REQUIREMENT	TEST FREQUENCY	INSPECTION PARTIES & ACTIVITY			
					V	TPA	I	P
	6-4 SURFACE IRREGULARITIES	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	AS PER REFERENCE DOCUMENTS REQUIREMENTS	100%	H	H	H	W
7	ANODE COATING	AS PER DRAWING NO. JT-2-000-EL-DW-181	CHECK THICKNESS	100%	H	H	H	W
8	ANODE FIT UP	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3 DRAWING NO. JT-2-000-EL-DW-181	AS PER REFERENCE DOCUMENTS REQUIREMENTS	100%	H	H	H	W
9	PACKING	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	AS PER REFERENCE DOCUMENTS REQUIREMENTS	100%	H	H	W	W
10	DOCUMENTATION	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3 DNV-RP-B-401	AS PER REFERENCE DOCUMENTS REQUIREMENTS	100%	H	R/A	R/A	R
11	DESTRUCTIVE TEST	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	AS PER REFERENCE DOCUMENTS REQUIREMENTS	ONE SET SAMPLE PER 50 Half ANODE	H	H	W	W
12	MARKING	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3 & DRAWING NO. JT-2-000-EL-DW-181	AS PER REFERENCE DOCUMENTS REQUIREMENTS	100%	H	H	W	W
13	CERTIFICATE OF COMPLIANCE & READY FOR SHIPMENT(RELEASE)	ISO 15589-2 & SPECIFICATION: JT-2-000-EL-SP-087-D3	AS PER REFERENCE DOCUMENTS REQUIREMENTS	100%	H	H	R	R