




	DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT		
Contract No.: DPIC/98-12	DOCUMENT TITLE: Inspection and Test Plan for Compressor	POI: IFA	Rev.: D0
	DOCUMENT No: DPIC9812-000-VD-1002-ME-ITP-0009	Sheet 1 of 3	

ITP for Instrument and Control to be sent in package ITP

Inspection and Test Plan for Compressor

PURCHASER'S COMMENT/APPROVAL STATUS						Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)					Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
2	AN: Approved With Minor Comments (Fabrication may Proceed)					
3	NF: Approved With Comments (Fabrication not Proceed)					
4	RJ: Rejected					Item No. (Tag No.): PK-6101
5	NR: Not be Returned					Vendor Doc. No.: DPIC9812-000-VD-1002-ME-ITP-0009-D0
Date:	15.Nov.2021	Signature:	A.AB			
						
D0	23-Oct-21	IFA	Sakaguchi	kato	M.Malekinia	
REV.	DATE ISSUE	Purpose of Issue	PREPARED	CHECKED	APPROVED	

 	DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT	
Contract No.: DPIC/98-12	DOCUMENT TITLE: Inspection and Test Plan for Compressor DOCUMENT No: DPIC9812-000-VD-1002-ME-ITP-0009	POI: IFA Rev.: D0 Sheet 2 of 3

TABULATION OF REVISED PAGES

Page	Rev-D0	Rev-D1	Rev-D2	Rev-D3	Rev-D4	Page	Rev-D0	Rev-D1	Rev-D2	Rev-D3	Rev-D4
1	x					36					
2	x					37					
3	x					38					
4						39					
5						40					
6						41					
7						42					
8						43					
9						44					
10						45					
11						46					
12						47					
13						48					
14						49					
15						50					
16						51					
17						52					
18						53					
19						54					
20						55					
21	<div style="border: 2px solid red; padding: 5px;"> <p>Rotor (including spare rotor):</p> <ul style="list-style-type: none"> - Review of Material certificate (EN 10204-3.1) - Required NDE on rotor (type of NDE to be specified) - Rotor balancing test <p>Casing:</p> <ul style="list-style-type: none"> - Review of Material certificate (EN 10204-3.1) - Required NDE on rotor (type of NDE to be specified) <p>Hydraulic Cylinder:</p> <ul style="list-style-type: none"> - Review of Material certificate (EN 10204-3.1) - Required NDE on rotor (type of NDE to be specified) - Hydrostatic test of hydraulic cylinder </div>										
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31						66					
32						67					
33						68					
34						69					
35						70					



DEHDASHT PETROCHEMICAL INDUSTRY COMPANY
DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT



Contract No.: DPIC/98-12 DOCUMENT NUMBER: DPIC/9812-000-VD-1002-ME-ITP-0009 rev. 1



Inspector



PROJECT : Screw Compressor Customer: AL SADIQUE / BGC
 Model No.: P320LUD / SN XXXXX Purchase Order No.: XXX
 Manufacturer : MAYEKAWA MFG. CO., LTD. MAYEKAWA CONTROL No.: MME 60XXX

Description REFRIGERANT COMPRESSOR TAG N° Manufacturer MAYEKAWA MFG. CO., LTD.

No.	Inspection Description	Applicable Documents	Acceptance Criteria	Verifying Reports/Certificates	Control points		date
					MYC	CMP	
1	Material Identification (Pressure Casings & Rotors) Chemical & Physical Analysis, Heat Treatment	mill sheet EN 10204 3.1	JIS G 3221, JIS Z 2244 Foundry's criteria (as per JIS G3221) Refer to mill sheets	Material certificates	R	R	
2	Dynamic (please specify balance grade)	screw compressor standard inspection procedure DOC No. SCSD-007-07	Approval of procedure	Mycom Standard Report	R	R	
3	(casings), 30 min. (please refer to project document as per VPIS numbering)	standard inspection procedure DOC No. SCSD-008-02	No deforming nor damage	standard Report	R	R	
4	Mechanical Running Test (with Shop Driver, Vibration Probes & Monitors, and Shop Lube Oil System) a) 2-hour mechanical run test after casing, bearing and lube oil temperature stabilize b) Vibration measurement c) Noise level test	screw compressor standard inspection procedure DOC No. SCSD-010-10	Approval of procedure	Mycom Standard Report	R	R	
5	Performance Test a) Capacity measurement (please specify test pressure) b) Break horsepower measurement	standard inspection procedure DOC No. SCSD-010-10	Approval of procedure	Mycom Standard Certificate	R	R	
6	Pneumatic Test (Pressure Casings) (after assembly)	screw compressor standard inspection procedure DOC No. SCSD-009-02	No bubbled (no leak)	Mycom Standard Report	R	R	

totally shall be 4 hours mechanical run test at rated speed

Equivalent ASME/ASTM standard material to be specified by vendor.

Complete unit test
 Dismantling inspection after mechanical running test (Bearing condition check) (if abnormal condition were observed)
 Final visual and dimensional inspection (for major dimensions)
 Surface preparation and painting check
 Packing and marking inspection (including nameplate check)
 Review of vendor data book
 Checking preservation of compressor for seaworthy packing
 Issuance of release note

LEGEND
 W = W
 H = H