



<div>CLIENT:</div> <div><div>NISOC</div></div>	<div>Development Plan of 28 Reservoirs / BIBI HAKIMEH Oilfield (EPC)</div>	<div>CONTRACTOR</div> <div></div>																		
<div>Project No.:</div> <div>053-073-9189</div>	<div>Document Title</div> <div>INSPECTION & TEST PLAN (ITP) For Gasket</div> <table><tr><td>Vendor Document</td><td>Project Code</td><td>Work Package</td><td>Vendor Abbreviation</td><td>Facility</td><td>Discipline</td><td>Type</td><td>Sequence Number</td><td>Rev.</td></tr><tr><td>VD</td><td>BH</td><td>00</td><td>KG</td><td>000</td><td>PI</td><td>PS</td><td>2002</td><td>03</td></tr></table>	Vendor Document	Project Code	Work Package	Vendor Abbreviation	Facility	Discipline	Type	Sequence Number	Rev.	VD	BH	00	KG	000	PI	PS	2002	03	<div>Page No. : 1 of 6</div>
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INSPECTION & TEST PLAN (ITP)
For Gasket

Rev.	Date	Document Status	Prepared by:	Checked by:	Approved by:	Client Approval
00	08-12-2024	Issue for Comment	H.B	H.B	H.B	-
01	14-01-2025	Issue for Approval	H.B	H.B	H.B	-
02	16-02-2025	Issue for Approval	H.B	H.B	H.B	-
02	15-03-2025	Final Issue	H.B	H.B	H.B	-

Class: A

Status: IFC: Issued For Comment
IFI: Issue for Information
IFA: Issue for Approval
AB-R: As-Built for COMPANY Review
FI: Final Issue
AB-A: As-Built –Approved










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 NISOC	Development Plan of 28 Reservoirs / BIBI HAKIMEH Oilfield (EPC)									 ماشین سازی اراک MACHINE SAZI ARAK	 ENGINEERING AND WELL SERVICES
	Document Title INSPECTION & TEST PLAN (ITP) For Gasket									 شرکت مهندسی دریاپالا KLINGERAN Gasket Manufacturing co.	 KLINGERAN Gasket Manufacturing co.
Contract No.: 053-073-9189	Vendor Document VD	Project Code BH	Work Package 00	Vendor Abbreviation KG	Facility 000	Discipline PI	Type PS	Sequence Number 2002	Rev. 03	Page 4 of 6	

1. INTRODUCTION

National Iranian South Oil Company (NISOC) plans to conduct an integrated project includes several sub-projects to preserve and increase production of Gachsaran oil fields located in south of Iran Khuzestan and Bushehr provinces as follow:

- 1) Revamping of Production and Desalting Units of Bibi Hakimeh 1&2
- 2) Fabrication & Installation a Preheater, Stripping Column and Related Equipment for Nargesi Production Unit

The purposes of first sub-project are equipping and extension of Bibihakime-2 desalting unit to achieve 110,000 SBPD desalted crude oil, and necessary modifications in Bibihakime-2 desalting & production units and Bibihakime-1 production unit so that the new plants will be able to process crude oil with 22% water cut and transfer waste water from Bibihakime-1 production unit to waste water treatment facilities in Bibihakime-1 desalting unit via installation of a none-metal pipe. Therefore, National Iranian South Oil Company (NISOC) has announced this project.

The purpose of second sub-project is crude oil sweetening in Nargesi plant by new design and necessary modifications in existing facilities. National Iranian South Oil Company (NISOC), on behalf of the National Iranian Oil Company (NIOC) is responsible to exploit oil and gas from onshore fields in the south district of Iran. According to management of planning & international affairs of National Iranian Oil Company (NIOC) pronouncement, H₂S content and RVP specification of exported oil shall be in the specified allowable range; Accordingly, NISOC has decided to fulfil a project, investigating and probing required equipment and operational conditions to meet the desired crude oil specifications of sulphur content and RVP for Nargesi production units.





2. SCOPE

Revamping of Production and Desalting Units of Bibi Hakimeh 1&2 and Fabrication & Installation a Preheater, Stripping Column and Related Equipment for Nargesi Production Unit sub-projects.

3. DEFINITIONS

Within the context of this document, the following definitions are applicable

Owner/Client	: National Iranian south oil company (NISOC)
Title	: Development Plan of 28 Reservoirs/ BIBI HAKIMEH Oilfield (EPC)
Contractor	: Mashin Sazi Arak/ Sealand Engineering and Well Services JV
Consultant	: Tehran Raymand Consulting Engineers

 NISOC	Development Plan of 28 Reservoirs / BIBI HAKIMEH Oilfield (EPC)									 ماشین سازی اراک MACHINE SAZI ARAK	 ENGINEERING AND WELL SERVICES
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6. ITP TABLE

Item	Inspection Activities	Applicable Documents	Acceptance Criteria	Verifying Document	Action By				Remark
					Vendor	Purchaser	EPC Contractor /TPA	Daryapala Consulting Engineers	
1	Pre Inspection Meeting (PIM)	-	-	-	H	H	H	H	
2	Material Certificate (Including chemical & mechanical properties)	ASME B16.20 & MTO	ASME B16.20 & MTO	MTC EN 10204-3.1	H	RA	RA/W	RA/W	
3	Visual & Dimensional Inspection	ASME B16.20 & MTO	ASME B16.20 & MTO	TPI Report	H	W	W	W	
4	Spiral Wound Gasket Compression Test	ASME B16.20	ASME B16.20	Test Report	H	W	W	W	Only 4" #600 as sample
5	Spiral Wound Gasket Performance Test	ASME B16.20	ASME B16.20	Test Report	H	W	W	W	One random gaskets shall be tested by TPI selection
6	Ring Joint Gasket Hardness & Roughness Test	ASME B16.20	ASME B16.20	Test Report	H	W	W	W	One random gaskets shall be tested by TPI selection
7	Marking & Color Coding check (Visual Coating Check)	ASME B16.20 & MTO	ASME B16.20 & MTO	TPI Report	H	W	W	W	
8	Final Inspection	ASME B16.20 & MTO	MTO & PO	TPI Report	H	W	W	W	
9	Packing & Marking Inspection	Project Spec. & Approved Procedure	PO & Packing List	Packing List	H	R	W	W	
10	Release Note Issuance	PO & Packing List	PO & Packing List	IRN	R	W	H	R	
11	Final Data Book	Contract	Vendor data book index	Final Data Book	H	RA	RA	RA	