

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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CERTIFICATE OF INSPECTION AFTER REPAIR FOR BOTTLE NECK X-OVER

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Report No.:	QC-2023-1646-14
Acceptance Criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date Of Inspection:	21-12-2023
Work Location:	ABERDEEN WORKSHOP	Rig Name	HH-29
Test Equipment & Consumable Details			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2025	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#: 220605 Manufacture: Magnaflux Exp Date: JULY.2025	COIL(1200 AMP-TURNS/IN	SR# SC-22713 Cal. 17.AUG.2023 Cal Due 16.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	SR# 201504053 Cal 17.AUG.2023 Cal Due 16.FEB.2024
INTENSITY METER	SR# R.043943 Cal.15.AUG.2023 Cal Due 14.FEB.2024	UV BLACK LIGHT	SR# 1900084 Cal. 17.AUG.2023 Cal Due 16.FEB.2024
LEAD GAGE	SR# AH07KF0027 GAEMAKER LG-5003 CAL.Date. 15.AUG.2023 CAL Due Date 14.FEB.2024	THREAD PROFILE GAGE	SR# 21336 CAL.Date.15.AUG. 2023 CAL Due Date.14. AUG. 2024 SR# 21335 CAL.Date.17.AUG.2023 CAL Due Date. 16.AUG.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3500 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2850 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	<ul style="list-style-type: none"> Through Visual Inspection Dimensional 3 	<ul style="list-style-type: none"> MPI Inspection with Ultraviolet Light *Lead Gaiging, Taper Gaiging & Thread Profile Gaiging. 	

Serial No.	Description	Connection		Result Inspection			Dimensional Inspection														
		Pin	Box	Pin	Box	Body	Pin					Box					Body				
							OD(In)	ID(In)	SRG (In)	SRG W (In)	Pin (In)	Bevel (In)	OD(In)	CB (In)	CB (In)	BB (In)	BBL (In)	Bevel (In)	Tongspac e (In)	Box Lth (In)	Overall (In)
BFS-21-304	BOTTLE NECK X-OVER	7 5/8 REG	6 5/8 REG	Acc.	Acc.	-	9"	2 7/8"	6 3/8"	3/4"	5 3/16"	8 1/2"	8"	6 1/16"	5/8	5 18/64"	8 3/4"	7 9/16"	14 7/8"	23 1/2"	-
Conclusion :		<p>■ (01) The above Mentioned Bottle Neck X-Over was found "Acceptable" from Pin & Box Connection After Repair at time of Inspection Ready to use.</p>																			

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore
⊘	Diameter	⊘	Length	⊘	Width	⊘	Depth	NP.	Not Present	NA.	Not Applicable
EGR	Elevator Groove Recess	SGR	Slip Groove Recess	CR	Crack	B	Bent	PC	Premium Class	RF	Reface
GT	Galled Thread	TP	Thread Pitting	SP	Seal Pitting	TD	Thread Damage	SD	Seal Damage	M	Mashed
1	100 % Coating	2	99-71 % Coating	3	70-40 % Coating	4	Up to 40 %	5	Nil	WT	Wall Thickness
Colors Code:		White	No Defects	Red	Crack or Extreme	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:	M. FAHAD	Review By					
Qualification:	ASNT Level III	Senior Inspector:	RAO SOHAIL	Supervisor:	WAQAS	Customer Name:	
Signature:			Customer Signature:				
Original - Client Files		Copy - Area Office		QC/FN/DJ-PB/029		Rev.00 dated 07.Nov2021	

