

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE FOR 8 1/4" MAIN BODY

Client Name:	AL ESNAD OIL TOOLS	Report No.:	QC-2024-1569-055
Acceptance criteria.	DS-1 Volume 4 fifth Edition	Date of Inspection:	03.JAN.2024
Work Location:	AL ESNAD YARD	JOB NO:	QC-2024-1569
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	RC2-060120151 Cal. 17.AUG.2023 Cal Due 16.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March,2025	A.C HAND YOKE	21332 Cal. 17.AUG.2023 Cal Due 16.FEB.2024
INTENSITY METER	SR#1608000134 Cal.17.AUG.2023 Cal Due 16.FEB.2024	UV BLACK LIGHT	SR#52852 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. FEB. 2024 SR#21335 CAL.Date.17.AUG.2023 CAL Due Date. 16.FEB.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML		WMPT Light Intensity
magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2800 μw/cm ²
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	• Through Visual inspection • MPI inspection with Ultravio • Dimensional 3		

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection														
		Pin	Box	Pin	Box	Body	Pin						Box				Body				
							OD(In)	ID(In)	SRG φ(In)	SRG π(In)	Pin λ(In)	Bevel φ(In)	OD(In)	CB φ(in)	CB φ(In)	BB φ(In)	BB λ(In)	Bevel φ(In)	TONG PIN λ(In)	Fish Nick (In)	Overall λ (in)
HYD825BP66	8 1/4" MAIN BODY	6 5/8 Reg	6 5/8 Reg	Acc.	Acc.	Acc.	8 1/4"	3 1/2"	5 13/32	3/4"	5"	7 11/16"	8 1/4"	6 1/16"	5/8"	--	--	7 11/16"	-	--	55 1/16"

Conclusion:	* 01 MAIN BODY Was Found Free from Defaect At The Time Of Inspection Fit for Use.
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OD Outside Diameter	ID Inside Diameter	SRG Stress Relief	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	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:	Review By					
Qualification:	Senior Inspector:	SOHAIL	Supervisor:	SHERIF	Customer Name:	
Signature:					Customer Signature:	

Original - Client Files Copy - Area Office QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021

