

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE FOR 8 1/4" BALL CATCHER

Client Name:	AL ESNAD OIL TOOLS	Report No.:	QC-2024-1569-058
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		
magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity	1520 Lux
		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 w(In)	Pin λ(In)	Bevel φ(In)	OD(In)	CB φ(In)	CB ₂ φ(In)	BB ₂ φ(In)	BB λ(In)	Bevel φ(In)	TONG PIN λ(In)	Fish Nick (In)	Overall λ(In)
SBM825BP304	8 1/4 BALL CATCHER	6 5/8"Reg	6 5/8"Reg	SRGP, SD	Acc.	Acc.	8 1/4"	3 1/2"	5 3/8"	3/4"	4 15/16"	7 11/16"	8 1/4"	6 1/16"	9/16"	-	-	7 11/16"	-	-	50 3/4"
Conclusion:		*01 BALL CATCHER Was Found "UN-Accepted" pin SRG Pitted and Seal Damage.																			

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief	CB Counter Bore	BB Bore Back	FB Float Bore					
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 Damage	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:	Wajid Awan	Review By			
Qualification:	Senior Inspector	Customer Name:			
Signature:	Sohail	Supervisor:	Sherif	Customer Signature:	
Original - Client	Copy - Area Office	QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021			

