

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE OF 8 1/4" BALL CATCHER#SBM825BP99

Client Name:	AL-ESNAAD OIL TOOL FOR OIL SERVICES.LLC	Report No.:	QC-24-08-AL-ESNAAD-003
Acceptance criteria.	DS-1, Volume 4 Fifth Edition	Date of Inspection:	31.AUG.2024
Work Location:	AL-ESNAAD OIL TOOL YARD	COMPANY NAME:	AL-ESNAAD
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	22713 Cal.25.JUL.2024 Cal Due24.FEB.2025
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	PY-10 Cal.25.JUL.2024 Cal Due24.FEB.2025
INTENSITY METER	SR#1608000134 CAL.Date Cal. 25.JUL.2024 Cal Due 24.FEB.2025	UV BLACK LIGHT	SR#1895313 Cal.25.JUL.2024 Cal Due24.FEB.2025
LEAD GAGE	SR#AH07KF0026 GAEMAKER LG- Cal. 25.JUL.2024 Cal Due 24.FEB.2025	THREAD PROFILE GAGE	SR#21336 Cal. Cal.25.JUL.2024 Cal Due24.FEB.2025 SR#21335 Cal. Cal.25.JUL.2024 Cal Due24.FEB.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3400 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 μw/cm ²
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	<ul style="list-style-type: none"> Through Visual inspection Dimensional MPI inspection with Ultraviolet light 		

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 ∅ (In)	Pin λ(In)	Bevel φ(In)	OD(In)	CB φ(In)	CB ∅(In)	BB φ(In)	BB ∅(In)	Bevel φ(In)	Pin T λ(In)	Box T λ(In)	Overall λ (In)
SBM825BP99	8 1/4" BALL CATCHER	6 5/8"Reg	6 5/8"Reg	Acc.	S.D.&C B.P.	Acc.	8 3/16"	3 1/4"	5 3/8"	1"	5"	7 1/2"	8 3/16"	6 1/16"	5/8"	--	-	7 1/2"	-	-	51"
																					
Conclusion:		8 1/4" BALL CATCHER was found UnAcceptable From Box Connection Seal Damage&Counter bore Pitted Rejected.																			

Abbreviations :

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore						
∅	Diameter	λ	Length	∅	Width	δ	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:		Red		Crack or Extreme Damage.		Blue		Damage		Green		Seal Damage		Yellow		ACFM	

Inspector	NAVEED HUSSAIN											Review By					
Qualification:	Senior Inspector											Supervisor:		M.SARWAR		Customer Name:	
Signature:	[Signature]											Customer Signature:					
Original - Client Files				Copy - Area Office				QC/FN/FLS/03 Rev.00				Dated: 07 Nov 2021					

