

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE OF 8 1/4" BALL CATCHER#WES825BP338

Client Name:	AL-ESNAAD OIL TOOL FOR OIL SERVICES.LLC	Report No.:	QC-24-04-AL-ESNAAD-006
Acceptance criteria.	DS-1, Volume 4 Fifth Edition	Date of Inspection:	28.APR.2024
Work Location:	AL-ESNAAD OIL TOOL YARD	RIG 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	SC 22713 Cal.15.FEB.2024 Cal Due14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due14.AUG.2024
INTENSITY METER	SR#1608000134 CAL.Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal.15.FEB.2024 Cal Due14.AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.FEB.2024 Cal Due 12.AUG.2024	THREAD PROFILE GAGE	SR#21336 Cal. 13.FEB.2024 Cal Due 12.AUG.2024 SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3450 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2900 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 δ(In)	BB φ(In)	BB δ(In)	Bevel φ(In)	Pin T λ(In)	Box T λ(In)	Overall λ (IN)
WES825BP338	8 1/4" BALL CATCHER	6 5/8"Reg	6 5/8"Reg	Acc.	T&C.B. P	Acc.	8 3/16"	3 1/2"	5 3/8"	1"	5"	7 1/2"	8 3/16"	6 1/16"	5/8"	--	-	7 1/2"	-	-	47 3/4"



Conclusion: 8 1/4" BALL CATCHER was found "UnAcceptable" From Box Connection Thread&CounterBore Pitted Rejected.

Abbreviations :

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore
φ	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:		White	No Defects	Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:	Review By					
Qualification:	Senior Inspector:	M.FAHAD	Supervisor:	WAQAS AWAN	Customer Name:	
Signature:					Customer Signature:	
Original - Client File: [Redacted] Copy - Area Office QC/FN/FLS/03 Rev.00 Dated: 07 Nov 2021						

