

AI TAKAMUL COMPANY FOR ENGINEERING TESTS
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INSPECTION CERTIFICATE OF 8 ¼” BALL CATCHER#HYD825BP66

Client Name:	AL-ESNAAD OIL TOOL FOR OIL SERVICES.LLC	Report No.:	QC-24-04-AL-ESNAAD-004
Acceptance criteria.	DS-1, Volume 4 Fifth Edition	Date of Inspection:	20.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	3650 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2900 μw/cm²
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	• Through Visual inspection • Dimensional •MPI inspection with Ultraviolet light		

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection														
		Pin	Box	Pin	Box	Body	OD(In)	ID(In)	Pin				Box					Body			
									SRG ϕ(In)	SRG Ϙ(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)
HYD825BP66	8 ¼" BALL CATCHER	6 5/8"Reg	6 5/8"Reg	Acc.	Acc.	Acc.	8 3/16"	3 ½"	5 3/8"	¾"	4 15/16"	7 ½"	8 3/16"	6 1/16"	5/8"	-	-	7 ½"	-	-	55 15/16"



Conclusion: ■ 8 ¼” BALL CATCHER was found “Acceptable At time of Inspection Ready For Use.

Abbreviations :

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore
φ	Diameter	λ	Length	w	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:		No Detect	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 Files		Copy - Area Office	QC/FN/FLS/03 Rev.00	Dated: 07 Nov 2021			

