

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

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DEFECTED CERTIFICATE OF 8 1/4" BALL CATCHER BOX#WES825BP338&X-OVER PIN#MJS2302508

Client Name:	AL-ESNAAD OIL TOOL FOR OIL SERVICES.LLC	Report No.:	QC-24-08-AL-ESNAAD-010
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 δ(In)	BB φ(In)	BB δ(In)	Bevel φ(In)	Pin T λ(In)	Box T λ(In)	Overall λ(In)
WES825BP338/MJS2302508	8 1/4" BALL CATCHER/X-OVER	7 5/8"Reg	6 5/8"Reg	Acc.	S.W.O	BODY CRACK	9 1/2"	2 7/8"	6 3/8"	1"	5 1/4"	8 13/16"	8 5/32"	6 1/16"	5/8"	--	-	7 1/2"	-	-	83 1/2"



Conclusion: X-OVER was found "UnAcceptable From Pin Side Body Crack Rejected&8 1/4" Ball Catcher Box Side Body Crack&Seal WashOut 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:		Red Crack or Extreme Damage.	Blue Damage	Green Seal Damage	Yellow ACFM

Inspector:	Review By		
Qualification:	Senior Inspector:	Supervisor:	Customer Name:
Signature:	NAVEED HUSSAIN	M.SARWAR	Customer Signature:

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