

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED**

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**DEFECTED CERTIFICATE OF 8 1/4" BALL CATCHER #WES825BP338**

<b>Client Name:</b>	<b>AL-ESNAAD OIL TOOL FOR OIL SERVICES.LLC</b>	<b>Report No.:</b>	QC-24-08-AL-ESNAAD-011
<b>Acceptance criteria:</b>	DS-1, Volume 4 Fifth Edition	<b>Date of Inspection:</b>	31.AUG.2024
<b>Work Location:</b>	<b>AL-ESNAAD OIL TOOL YARD</b>	<b>COMPANY NAME:</b>	<b>AL-ESNAAD</b>
<b>TEST EQUIPMENT &amp; CONSUMABLE DETAILS</b>			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2025	<b>TECHNICAL DETAILS</b>	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 <sup>2</sup>
<b>MAGNITISUM DIRECTION (LONGITUDENAL)</b>			
<b>METHODOLOGY:</b>	<ul style="list-style-type: none"> <li>• Through Visual inspection</li> <li>• Dimensional</li> <li>•MPI inspection with Ultraviolet light</li> </ul>		

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 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	-	SWO	BODY CRACK	-	-	-	-	-	-	8 5/32"	6 1/16"	5/8"	--	-	7 1/2"	-	-	-
<b>Conclusion:</b>		<b>8 1/4" Ball Catcher was found "UnAcceptable From Box Side Body Crack&amp;Seal WashOut Rejected."</b>																			

**Abbreviations :**

<b>OD</b> Outside Diameter	<b>ID</b> Inside Diameter	<b>SRG</b> Stress Relief Groove	<b>CB</b> Counter Bore	<b>BB</b> Bore Back	<b>FB</b> Float Bore
<b>φ</b> Diameter	<b>λ</b> Length	<b>w</b> Width	<b>δ</b> Depth	<b>NP</b> Not Present	<b>NA</b> Not Applicable
<b>EGR</b> Elevator Groove Recess	<b>SGR</b> Slip Groove Recess	<b>CR</b> Crack	<b>B</b> Bent	<b>PC</b> Premium Class	<b>RF</b> Reface
<b>GT</b> Galled Thread	<b>TP</b> Thread Pitting	<b>SP</b> Seal Pitting	<b>TD</b> Thread Damage	<b>SD</b> Seal Damage	<b>M</b> Mashed
<b>1</b> 100 % Coating	<b>2</b> 99.71 % Coating	<b>3</b> 70-40 % Coating	<b>4</b> Up to 40 %	<b>5</b> Nil	<b>WT</b> Wall Thickness
<b>Colors Code:</b>		<b>Red</b> Crack or Extreme Damage.	<b>Blue</b> Damage	<b>Green</b> Seal Damage	<b>Yellow</b> ACFM

<b>Inspector:</b>	NAVEED HUSSAIN			<b>Review By:</b>	M.SARWAR	
<b>Qualification:</b>	Senior inspector:	NAVEED HUSSAIN	<b>Supervisor:</b>	M.SARWAR	<b>Customer Name:</b>	
<b>Signature:</b>					<b>Customer Signature:</b>	

Original - Client Files

Copy - Area Office

QC/FN/FLS/03 Rev.00

Dated: 07 Nov 2021

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