

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

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**AFTER REPAIR INSPECTION CERTIFICATE OF 8 1/4" BALL CATCHER#HYD825BP66**

<b>Client Name:</b>	<b>AL-ESNAAD OIL SERVICES.LLC</b>	<b>Report No.:</b>	QC-YB-240153-AL-ESNAD-QC-28-Dec-002
<b>Acceptance Criteria:</b>	<input checked="" type="checkbox"/> API SPEC 7-2	<b>Date of Inspection:</b>	28.Dec.2024
<b>Work Location:</b>	ABERDEEN WORKSHOP BASRA IRAQ	<b>COMPANY NAME.:</b>	AL-ESNAAD
<b>TEST EQUIPMENT &amp; CONSUMABLE DETAILS</b>			
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	3450 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3150 μw/cm <sup>2</sup>
Magnetism Direction (Longitudinal)			
<b>METHODOLOGY:</b>	<ul style="list-style-type: none"> <li>• Through Visual inspection</li> <li>• Dimensional</li> <li>• MPI inspection with Ultraviolet light</li> <li>*Lead Gaiging, &amp; Thread Profile Gaiging.</li> </ul>		

Serial No.	Description	Connection		Result Inspection			Dimensional - Inspection														
		Pin	Box	Pin	Box	Body	Pin					Box					Body				
							OD (In)	ID(In)	SRG (In)	SRG W (In)	Pin (In)	Bevel (In)	OD(In)	CB (In)	CB (In)	BBD (In)	BBL (In)	Bevel (In)	Tongspac e (In)	Box Lth (In)	Overall (In)
HYD825BP66	8 1/4" BALL CATCHER	6 5/8"Reg	6 5/8"Reg	Acc.	Acc.	-	8 3/16"	3- 9/16"	5 3/8"	7/8"	5"	7-1/2"	8 1/4"	6 1/16"	5/8"	-	-	7- 9/16"	-	-	55-1/8"
<b>Conclusion :</b>		<b>*8 1/4" BALL CATCHER was found "Acceptable" AFTER REPAIR Pin&amp;Box Connection At the time of Inspection (Ready for Use).</b>																			

<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
□ Diameter	□ Length	□ Width	□ 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	<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>White</b> No Defects	<b>Red</b> Crack or Extreme	<b>Blue</b> Damage	<b>Green</b> Seal Damage	<b>Yellow</b> ACFM

<b>Inspector Name:</b>	Tayyab Abbasi	<b>Review By</b>			
<b>Qualification:</b>	ASNT Level II	<b>Senior Inspector:</b>	M.SARWAR	<b>Supervisor:</b>	AHMED MOHAMMAD
<b>Signature:</b>					
					<b>Customer Signature:</b>

Original - Client Files

Copy - Area Office

QC/FN/DJ-PB/029

Rev.00 dated 07.Nov2021

