

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE OF 8-1/4" MAIN BODY#HYD825BP94

Client Name:	AL-ESNAAD OIL SERVICES.LLC	Report No.:	QC-B-05-25-0276-4
Acceptance Criteria:	DS-1 Volume 4 fifth Edition	Date of Inspection:	14-May-2025
Work Location:	AL ESNAAD YARD	COMPANY NAME.:	AL-ESNAAD
TEST EQUIPMENT & CONSUMABLE DETAILS			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: June,2026	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#.220605 Manufacture: Magnaflux Exp Date: JULY.2026	COIL(1200 AMP-TURNS/IN	22713 Cal.12.May.2025 Cal Due 11.Nov.2025
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2026	A.C HAND YOKE	PY-10 Cal.12.May.2025 Cal Due 11.Nov.2025
INTENSITY METER	SR#1608000134 CAL.Date Cal. 12.Nov.2024 Cal Due 11.Nov.2025	UV BLACK LIGHT	SR#1895313 Cal.12.May.2025 Cal Due 11.Nov.2025
LEAD GAGE	SR#AH07KF0026 GAEMAKER LG- Cal. 12-.May.2025 Cal Due 11.Nov.2025	THREAD PROFILE GAGE	SR#21336 Cal. Cal.12.May.2025 Cal Due 11.Nov.2025 SR#21335 Cal. Cal.12.May.2024 Cal Due 11.Nov.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3500 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection • Dimensional • MPI inspection with Ultraviolet light *Lead Gaiging, & Thread Profile Gaiging.		

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)
HYD825BP94	8-1/4" MAIN BODY	6 5/8" Reg	6 5/8" Reg	S.D, T.P	S.D, T.P	Acc.	8-1/4"	3-1/2"	5-3/8"	7/8"	4-15/16"	7-11/16"	8-1/4"	6-1/16"	5/8"	-	-	7-11/16"	-	-	54-3/8"



Conclusion :

***Pin Seal Damage, Thread Pitted & Box Seal Damage, Thread Pitted. Need To Be Repair**

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief Groove	CB Counter Bore	BB Bore Back	FB Float Bore
⊠ Diameter	⊠ Length	⊠ Width	⊠ 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	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	Blue Damage	Green Seal Damage	Yellow ACFM

Inspector Name:	TAYYAB MEHMOOD	Review By			
Qualification:	ASNT Level III MPI/PT/UT	Senior Inspector:	NAVEED HUSSAIN	Supervisor:	AHMED MOHAMMAD
Signature:					Customer Name:
					Customer Signature:
Original - Client Files		Copy - Area Office		QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021	

