

# AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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## INSPECTION CERTIFICATE OF 8 1/4" MAIN BODY#WES825BP343

Client Name:	AL-ESNAAD OIL TOOL FOR OIL SERVICES.LLC	Report No.:	QC-24-08-AL-ESNAAD-006
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 <sup>2</sup>
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	<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 ∅ (In)	Pin ∆(In)	Bevel φ(In)	OD(In)	CB φ(In)	CB ∅(In)	BB φ(In)	BB ∅(In)	Bevel φ(In)	Pin ∆(In)	Box T ∆(In)	Overall ∆(In)
WES825BP343	8 1/4" MAIN BODY	6 5/8"Reg	6 5/8"Reg	Acc.	Acc.	Acc.	8 1/4"	3 1/2"	5 13/32"	3/4"	5"	7 11/16"	8 1/4"	6 1/16"	5/8"	--	-	7 11/16"	-	-	46"



**Conclusion:** ■ 8 1/4" MAIN BODY 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	∅	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:	NAVEED HUSSAIN		Review By	
Qualification:	Senior Inspector:	NAVEED HUSSAIN	Supervisor:	M.SARWAR
Signature:			Customer Name:	
				Customer Signature:
Original - Client Files		Copy - Area Office		QC/FN/FLS/03 Rev.00 Dated: 07 Nov 2021

