Al TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED
Basra, North Rumaila, Quality Control Yard - Iraq
Tel: +9647810009138 / +9647834964657
Email: op@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com

INSPECTION CERTIFICATE FLEX SHAFT HOUSING 6.625

Client Name:	AL ESNAD OIL TOOLS	Report No.:	QC-2024-0110-001
Acceptance criteria.	DS-1 Volume 4 fifth Edition	Date of Inspection:	26-MAR-2024
Work Location:	**AL ESNAD YARD**	**JOB NO:**	QC-2024-0110
Test Equipment & Consumeable 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	SC 22713 Cal.14.FEB.2024 Cal Due15.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal. 14.FEB.2024 Cal Due15.AUG.2024
INTENSITY METER	SR# R.043943 Cal.14.FEB.2024 Cal Due 15.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal. 14.FEB.2024 Cal Due15.AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 14.FEB.2024 CAL Due Date 15.AUG.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date. 14.FEB.2024 CAL Due Date. 15.AUG.2024 SR#21335 CAL.Date. 14.FEB.2024 CAL Due Date. 15.AUG.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3520 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 µw/cm²
Magnitisum Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection •MPI inspection with Ultraviolet light • Dimensional 3		

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection																
							Pin							Pin							Body		
		Pin	Pin	Pin	Pin	Body	OD(In)	ID(In)	NECK ϖ(In)	SRGϖ(In)	SRGϕ (In))	Pin λ(In)	Bevel ϕ(In)	OD(In)	ID(In)	NECK ϖ(In)	SRGϖ(In)	SRGϕ (In))	Pin λ(In)	Bevel ϕ(In)	Pin Tong (In)	Pin Tong (In)	Overall λ (IN)
10379-445	FLEX SHAFT HOUSING 6.625	IDS 57	IDS 57	Acc	Acc	Acc	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23 ½"

Conclusion : *01 FLEX SHAFT HOUSING 6.625 Above Was Found "Accepted" at The Time of Inspection.

Abbreviations :

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore
Φ	Diameter	λ	Length	ϖ	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	Rejected.	Yellow	2nd Class	Orange	3rd Class	Blue	Need Repair	Green	Need Hard Banding

Inspector Name:	SHERIF MOHAMED	**Review By**					
Qualification:	[illegible] II (M[illegible] T, VT [illegible]EMI)	**Senior Inspector:**	MOHAMED FAHAD	**Supervisor:**	MOHAMED WAQAS	**Customer Name:**	
Signature:						**Customer Signature:**	

Original - Client Files Copy - Area Office QC/FN/UFD/15 Rev.00 Dated 07.NOV.2021