



## INSPECTION CERTIFICATE FLEX SHAFT HOUSING 6.625

<b>Client Name:</b>	AL ESNAD OIL TOOLS	<b>Report No.:</b>	QC-2024-0110-001
<b>Acceptance criteria:</b>	DS-1 Volume 4 fifth Edition	<b>Date of Inspection:</b>	26-MAR-2024
<b>Work Location:</b>	AL ESNAD YARD	<b>JOB NO:</b>	QC-2024-0110
<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	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/cm <sup>2</sup>
<b>Magnitism Direction (Longitudenal)</b>			
<b>METHODOLOGY:</b>	• Through Visual inspection • MPI inspection with Ultraviolet light • Dimensional 3		

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection																							
		Pin	Pin	Pin	Pin	Body	Pin					Pin					Body													
							OD(In)	ID(In)	NECK ϕ(In)	SRGϕ(In)	SRGϕ(In)	Pin λ(In)	Bevel ϕ(In)	OD(In)	ID(In)	NECK ϕ(In)	SRGϕ(In)	SRGϕ(In)	Pin λ(In)	Bevel ϕ(In)	Pin Tong (In)	Pin Tong (In)	Overall λ (In)							
10379-395	FLEX SHAFT HOUSING 6.625	IDS 57	IDS 57	Acc	Acc	Acc	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	23 1/2"

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

**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>ϖ</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>	Rejected.	<b>Yellow</b>	2 <sup>nd</sup> Class	<b>Orange</b>	3 <sup>rd</sup> Class	<b>Blue</b>	Need Repair	<b>Green</b>	Need Hard Banding

<b>Inspector Name:</b>	SHERIF MOHAMED	<b>Review By</b>				
<b>Qualification:</b>	AI Takamul Company (MI)	<b>Senior Inspector:</b>	MOHAMED FAHAD	<b>Supervisor:</b>	MOHAMED WAQAS	<b>Customer Name:</b>
<b>Signature:</b>						<b>Customer Signature:</b>

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



