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

QUALITY CONTROL

INSPECTION CERTIFICATE FOR ENHANCER HOUSING 6.625

Client Name:	AL ESNAD OIL TOOLS	Report No.:	QC-2024-0110-002
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 $\mu w/cm^2$
Magnitisum Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection •MPI inspection with Ultraviolet light • Dimensional 3		

Serial No.	*Description*	*Connections*		*Inspection Results*			*Dimensional 3 Inspection*														
							Pin						*Box*						*Body*		
		Pin	*Box*	*Pin*	*Box*	*Body*	*OD(In)*	*ID(In)*	*SRG ϕ(In)*	*SRG ϖ(In)*	*Pin λ(In)*	*Bevel ϕ(In)*	*OD(In)*	*CB ϕ(In)*	*CB δ(In)*	*BBD ϕ(In)*	*BBL δ(In)*	*Bevel ϕ(In)*	*Tong*	*Overall λ (In)*	*g Neck*
10363-407	ENHANCER HOUSING 6.625	DS 50	IDS 57	Acc	Acc	Acc	6 5/8"	3 5/8"	---	---	5"	6 1/8"	6 5/8"	---	---	---	---	---	7 3/8'	37 ½"	18 ¾"
Conclusion:	*01 ENHANCER HOUSING 6.625 ABOVE *WERE 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:	ASNT Level II (MT, PT, VT, UT, EMI)	**Senior Inspector:**	MOHAMED FAHAD	**Supervisor:**	MOHAMED WAQAS	**Customer Name:**	
Signature:						**Customer Signature:**	

Original - Client Fil Copy - Area Office QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021

Al Takamul Company TUB QUALITY CONTROL For Engineering Services