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

CERTIFICATE OF INSPECTION AFTER REPAIR FOR X. OVER

Client Name:	**HILONG OIL SERVICES & ENGINEERING CO.LTD**	**Report No.:**	**QC-02-24-0034-001**
Acceptance Criteria.	☑API SPEC 7-2	**Date Of Inspection:**	**24-02-2024**
Work Location:	**ABERDEEN WORK SHOP BASRA IRAQ**	**Rig Name**	**HL 22**
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 • Dimensional	•MPI inspection with Ultraviolet light *Lead Gaiging, Taper Gauging & Thread Profile Gauging.	

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	
7799	X.OVER	----	5 ½ F.H	----	Acc	---	---	---	---	---	---	---	7”	5 7/8”	5/8”	---	---	6 7/8”	----	9 ½”	----	
Conclusion:		*01 X.OVER **The above Mentioned was found “Acceptable” from Box Connection After Repair at 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:**	