



Inspection Report for X. Over

Client Name:	HILONG OIL SERVICES & ENGINEERING CO.LTD / HILONG 100	Job No.:	ATS-12-23-2541
Specification:	<input type="checkbox"/> API <input checked="" type="checkbox"/> DS-1 <input type="checkbox"/> Client	Date of Inspection:	04/01/2024
Work Location:	Hamdan Industrial Area	Report No.:	ATS-12-23-2541-LC-01

Méthodologie:	<ul style="list-style-type: none"> • Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet Light.
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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)	RC2-060120151 CAL.Date. 17.AUG.2023 CAL Due Date 16.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March,2025	A.C HAND YOKE	201504044 CAL.Date. 17.AUG.2023 CAL Due Date 16.FEB.2024
INTENSITY METER	SR#1608000134 CAL. Date. 17.AUG.2023 CAL Due Date 16.FEB.2024	UV BLACK LIGHT	SR#52852 CAL.Date. 17.AUG.2023 CAL Due Date 16.FEB.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL. Date. 17.AUG.2023 CAL Due Date 16.FEB.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date. 17.AUG.2023 CAL Due Date 16.FEB.2024 SR#21335 CAL.Date. 17.AUG.2023 CAL Due Date 16.FEB.2024
Magnetic Particle Concentration 7 HF	1.2 TO 2.4 ML/100ML	WMPT Light Intensity	1350 Lux
magnetic particle concentration fluorescent 14 HF	0.1 TO 0.4 ML/100ML	UV LIGHT INTENSITY:	2850 μw/cm ²
Magnetism Direction (Longitudinal)			

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 ω(In)	Pin λ(In)	Bevel φ(In)	OD(In)	CB φ(In)	CB δ(In)	BBD φ(In)	BBL δ(In)	Bevel φ(In)	Pin Tong (In)	Overall λ (In)	Fishing Neck (In)
10459919-001	Main Drive Shaft-Lower connection	NC 38	-	Acc	-	Acc	4 5/8"	2 1/4"	-	-	4	4 1/2"	-	-	-	-	-	-	-	36 1/2"	-

Conclusion : ■ 01 lower connection of main drive shaft of power swivel above 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	ω 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 Re-cut Coil	Yellow 2 nd Class	Orange 3 rd Class	Blue Short T. Joint	Green Need Hard Banding

Supervisor: Hasan Omran
Client: _____

Inspector: Sherief Mohamed

