



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-SV-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/100 ML	WMPT Light Intensity	1350 Lux
magnetic particle concentration fluorescent 14 HF	0.1 TO 0.4 ML/100 ML	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 ∅(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)
7-1-0590	OPENING SAFETY VALVE	NC 38	NC 38	Acc	Acc	Acc	4 25/32	1 7/8"	-	-	3 15/16	4 21/32	4 25/32	4 1/16	5/8	-	-	4 21/32	-	16"	-

Conclusion : ■ 01 OPENING SAFETY VALVE above was found "Acceptable". 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	∅ 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	Ke-cut Coat	2 nd Class	Orange	3 rd Class	Blue
				Short T. Joint	Green
					Need Hard Banding

Supervisor: Hasan Omran
Client: _____

Inspector: Sherief Mohamed



