



DEFECTED CERTIFICATE OF INSPECTION FOR 8" DRILL COLLAR

Client Name:	ZHONGMAN PETROLEUM ENGINEERING TECHNOLOGY(HONG KONG) CO LIMITED IRAQ	Report No.:	ZPEC-25-QC-24-05-RS-004
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	12.MAY.2024
Work Location:	(RU-612)	Rig No.:	ZPEC-25
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	SC 22713 Cal.15.FEB.2024 Cal Due14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due14.AUG.2024
INTENSITY METER	SR#1608000134 CAL.Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal.15.FEB.2024 Cal Due14.AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.FEB.2024 Cal Due 12.AUG.2024	THREAD PROFILE GAGE	SR#21336 Cal. 13.FEB.2024 Cal Due 12.AUG.2024 SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3450Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3000 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection • MPI inspection with Ultraviolet light • Dimensional 3		
Connection:	6 5/8 REG	Size:	8"

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Body	Pin						Box						Body				
							OD (in)	ID (in)	SRG ² (in)	SRG W ² (in)	Pin ² (in)	Bevel ² (in)	OD (in)	CBD ² (in)	CBW ² (in)	BB ² (in)	BBL ² (in)	Bevel ² (in)	Pin Tong ² (in)	Box Tong ² (in)	EGR ² (in)	SGR ² (in)	Overall ² (in)
2P414	SRG.P&S. P&T.D	Acc.	Acc.	Acc.	Acc.	Acc.	8"	3 1/8"	5 3/8"	13/16"	4 15/16"	7 9/16"	8"	1/16"	5/8"	5 18/64"	8 ½"	7 9/16"	7 ½"	36 ½"	-	7/32"	-
Conclusion:			■ 01 DRILL COLLARS above was found "UnAcceptable" From Pin Connection SRG Pitted&Seal Pitted&Thread Damage After Recutt Minimum Tong Space Less Than '7" Accorading To DS-1 Criteria Junk.																				

Abbreviations :

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore
	Diameter		Length		Width		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	PT	Pitting Thread	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:			No Defects		Crack or Extreme Damage.		Damage		Seal Damage		ACFM

Inspector Name:	Review By				
Qualification:	Senior Inspector:	M.FAHAD	Supervisor:	MOHAMED WAQAS	Customer Name:
Signature:					Customer Signature:
Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021					



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