



CERTIFICATE OF INSPECTION FOR 6 1/2" DRILL COLLAR

Client Name:	ZHONGMAN PETROLEUM ENGINEERING TECHNOLOGY(HONG KONG) CO LIMITED IRAQ	Report No.:	ZPEC-25-QC-24-05-RS-002
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:	NC50	Size:	6 1/2"

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Body	Pin						Box						Body				
							OD (in)	ID (in)	SRG $\frac{\square}{\square}$ (in)	SRG W $\frac{\square}{\square}$ (in)	Pin $\frac{\square}{\square}$ (in)	Bevel $\frac{\square}{\square}$ (in)	OD (in)	CBD $\frac{\square}{\square}$ (in)	CBW $\frac{\square}{\square}$ (in)	BB $\frac{\square}{\square}$ (in)	BBL $\frac{\square}{\square}$ (in)	Bevel $\frac{\square}{\square}$ (in)	Pin Tong $\frac{\square}{\square}$ (in)	Box Tong $\frac{\square}{\square}$ (in)	EGR $\frac{\square}{\square}$ (in)	SGR $\frac{\square}{\square}$ (in)	Overall $\frac{\square}{\square}$ (in)
8P115	SRG.P	Acc.	Acc.	Acc.	Acc.	Acc.	6 ½"	2 7/8"	4 23/32"	1"	4 ½"	6 5/16"	6 ½"	5 5/16"	5/8"	4 5/8"	8 ½"	6 5/16"	14 7/8"	42"	-	7/32"	-
Conclusion:			01 DRILL COLLARS above Was found "UnAcceptable" From Pin Connection SRG Pitted Rejected.																				

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	Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name: RAO S CHAIL		Review By				
Qualification: Assistant Engineer	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						

