



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-003
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 $\frac{1}{2}$ (in)	SRG W $\frac{1}{2}$ (in)	Pin $\frac{1}{2}$ (in)	Bevel $\frac{1}{2}$ (in)	OD (in)	CBD $\frac{1}{2}$ (in)	CBW $\frac{1}{2}$ (in)	BB $\frac{1}{2}$ (in)	BBL $\frac{1}{2}$ (in)	Bevel $\frac{1}{2}$ (in)	Pin Tong $\frac{1}{2}$ (in)	Box Tong $\frac{1}{2}$ (in)	EGR $\frac{1}{2}$ (in)	SGR $\frac{1}{2}$ (in)	Overall $\frac{1}{2}$ (in)
4P217	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	8"	2 7/8"	5 3/8"	13/16"	4 15/16"	7 9/16"	8"	6 1/16"	5/8"	5 18/64"	8 1/8"	7 9/16"	14 1/8"	20 1/2"	-	7/32"	-
ZT-1212-181	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	8"	3 1/16"	5 3/8"	1 1/32"	4 15/16"	7 9/16"	8"	6 1/16"	5/8"	5 18/64"	8 3/4"	7 9/16"	14 3/4"	37 3/4"	-	7/32"	-
ZT-1212-196	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	8"	3 1/16"	5 3/8"	1"	4 15/16"	7 9/16"	8"	6 1/16"	5/8"	5 18/64"	8 3/4"	7 9/16"	7 9/16"	37 3/4"	-	7/32"	-
ZT-1212-209	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	8"	3 1/16"	5 3/8"	15/16"	4 15/16"	7 9/16"	8"	6 1/16"	5/8"	5 18/64"	8 1/2"	7 3/4"	7 3/4"	37 1/2"	-	7/32"	-
Conclusion:			■ 04 DRILL COLLARS above were found "Acceptable". At the 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
Ø	Diameter	Ø	Length	Ø	Width	Ø	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:		White	No Defects	Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	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						

