



CERTIFICATE OF INSPECTION FOR 8" DRILL COLLAR

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0091-001
Acceptance Creater.	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	11/3/2024
Work Location:	DQ-BASE	RIG NAME:	DQ-030
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.14.FEB.2024 Cal Due15.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal. 14.FEB.2024 Cal Due15.AUG.2024
INTENSITY METER	SR# R.043943 Cal.14.FEB.2024 Cal Due 15.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal. 14.FEB.2024 Cal Due15.AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 14.FEB.2024 CAL Due Date 15.AUG.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date. 14.FEB.2024 CAL Due Date. 15.AUG.2024 SR#21335 CAL.Date. 14.FEB.2024 CAL Due Date. 15.AUG.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3520 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 $\mu\text{w}/\text{cm}^2$
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				Overall λ (in)		
							ID (in)	SRG ϕ (in)	SRG ϖ (in)	Pin λ (in)	Bevel ϕ (in)	OD	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Pin Tong λ (in)	Box Tong λ (in)		EGR λ (in)	SGR δ (in)
220303	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8 1/2"	8 1/2"	6 1/16"	5/8"	5 9/32"	8 1/2"	7 1/2"	18 3/4"	39 1/2"	5/8"	3/16"	---
220306	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	7/8"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	18"	20 1/2"	5/8"	3/16"	---
220305	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 1/2"	7 1/2"	21"	21 1/4"	5/8"	3/16"	---
M-09	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	7/8"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 1/2"	7 1/2"	33"	42 1/2"	5/8"	3/16"	---
M-05	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	7/8"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	35"	42"	5/8"	3/16"	---
M-04	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	24"	42"	5/8"	3/16"	---
M-02	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	33 1/2"	42"	5/8"	3/16"	---

Conclusion: ■ 07DRILL COLLARS 8" above were 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	ϖ	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:		White	No Defects	Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:	HAMZA ALI	Review By				
Qualification:		Senior Inspector:	MOHAMED FAHAD	Supervisor:	MOHAMED WAQAS	
Signature:					Customer Name:	
					Customer Signature:	
Original - Client File: Copy - Area Office QC/FN/FLS/03 Rev.00 Dated: 07 Nov 2021						





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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						
							ID (in)	SRG ϕ (in)	SRG ω (in)	Pin λ (in)	Bevel ϕ (in)	OD	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Pin Tong λ (in)	Box Tong λ (in)	EGR δ (in)	SGR δ (in)	Overall λ (in)
M-08	Acc.	S.D	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8 1/2"	8 1/2"	6 1/16"	5/8"	5 9/32"	8 1/2"	7 1/2"	28"	42 1/2"	5/8"	3/16"	---
9906	Acc.	S.D	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	7/8"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	29 1/2"	43"	5/8"	3/16"	---
0028	Acc.	S.D	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 1/2"	7 1/2"	33"	41 1/2"	5/8"	3/16"	---
M-03	Acc.	S.D	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	7/8"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 1/2"	7 1/2"	34"	42 1/2"	5/8"	3/16"	---
M-01	Acc.	S.D	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	7/8"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	28 1/2"	42 1/2"	5/8"	3/16"	---
M-10	Acc.	S.D	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	25 3/4"	43"	5/8"	3/16"	---
M-11	Acc.	S.D	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	27"	42 1/2"	5/8"	3/16"	---
0088	P.TH	S.D	Acc.	Acc.	Acc.	Acc.	2 7/8"	5 12/32"	1"	5"	7 1/2"	8"	8"	6 1/16"	5/8"	5 9/32"	8 3/4"	7 1/2"	29"	43"	5/8"	3/16"	---
Conclusion:			■ 08DRILL COLLARS 8" above were found NOT "Acceptable". From SIDE Pin & Box 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	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:		White	No Defects	Red	Crack or Extreme Damage.
		Blue	Damage	Green	Seal Damage
				Yellow	ACFM

Inspector Name:	HAMZA ALI			Review By		
Qualification:		Senior Inspector:	MOHAMED FAHAD	Supervisor:	MOHAMED WAQAS	Customer Name:
Signature:						Customer Signature:

Original - Client File Copy - Area Office QC/FN/FLS/03 Rev.00 Dated: 07 Nov 2021



**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED**

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