



## CERTIFICATE OF INSPECTION FOR 6 1/2" DRILL COLLAR

<b>Client Name:</b>	DAQING DRILLING CO.	<b>Report No.:</b>	QC-01-24-0035-001
<b>Acceptance Creater:</b>	DS-1 Fifth Edition, Volume 3 CAT 3-5	<b>Date of Inspection:</b>	21.JAN.2024
<b>Work Location:</b>	R 799 (DQ 38)	<b>RIG NAME:</b>	DQ-38
<b>Test Equipment &amp; Consumable Details</b>			
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.17.AUG.2023 Cal Due 16.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March,2025	A.C HAND YOKE	201504053 Cal.17.AUG.2023 Cal Due 16.FEB.2024
INTENSITY METER	SR# R.043943 Cal.15.AUG.2023 Cal Due 14.FEB.2024	UV BLACK LIGHT	SR#1900084 Cal.17.AUG.2023 Cal Due 16.FEB.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 15.AUG.2023 CAL Due Date 14.FEB.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date.15. AUG. 2023 CAL Due Date.14. FEB. 2024 SR#21335 CAL.Date.17. AUG.2023 CAL Due Date. 16.FEB.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:	295 \ μw/cm <sup>2</sup>
Magnetism Direction (Longitudinal)			
<b>METHODOLOGY:</b>	• Through Visual inspection      •MPI inspection with Ultraviolet light • Dimensional 3		
<b>Connection:</b>	<b>NC 50</b>	<b>Size:</b>	<b>6 1/2"</b>

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Body	Pin					Box					Body						
							ID (in)	SRG φ (in)	SRG w (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 λ (in)	Tong λ (in)	Box Tong λ (in)	EGR δ (in)	SGR δ (in)
7447	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	7/8"	4/716"	6 5/16"	6 5/8"	6 5/8"	5 5/16"	5/8"	4/2032"	8 1/4"	6/516"	29 1/2'	42 1/2'	--	3/16"	--
38-7	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4/716"	6 5/16"	6 1/2"	6 1/2"	5 5/16"	5/8"	4/2032"	8 1/8"	6/516"	29 1/2'	43"	--	3/16"	--
6644	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4/716"	6 5/16"	6 1/2"	6 1/2"	5 5/16"	5/8"	4/2032"	8 1/4"	6/516"	28'	43"	--	3/16"	--
9696	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	1"	4/716"	6 5/16"	6 1/2"	6 1/2"	5 5/16"	5/8"	4/2032"	8 1/8"	6/516"	32"	43"	--	3/16"	--
7777	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	7/8"	4/716"	6 5/16"	6 1/2"	6 1/2"	5 5/16"	5/8"	4/2032"	8 1/8"	6/516"	25 1/2'	42 1/2'	--	3/16"	--
38-4	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	1"	4/716"	6 5/16"	6 1/2"	6 1/2"	5 5/16"	5/8"	4/2032"	8 1/4"	6/516"	32"	43"	--	3/16"	--
9996	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	1"	4/716"	6 5/16"	6 1/2"	6 1/2"	5 5/16"	5/8"	4/2032"	8 1/4"	6/516"	32 1/2'	43"	--	3/16"	--
1323	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	1"	4/716"	6 5/16"	6 1/2"	6 1/2"	5 5/16"	5/8"	4/2032"	8 1/4"	6/516"	32 1/2'	43'	--	3/16"	--

**Conclusion:** ■ 08 DRILL COLLARS 6 1/2" above were found "Acceptable". At time of Inspection.

**Abbreviations :**

<b>OD</b> Outside Diameter	<b>ID</b> Inside Diameter	<b>SRG</b> Stress Relief Groove	<b>CB</b> Counter Bore	<b>BB</b> Bore Back	<b>FB</b> Float Bore
<b>φ</b> Diameter	<b>λ</b> Length	<b>w</b> Width	<b>δ</b> Depth	<b>NP.</b> Not Present	<b>NA.</b> Not Applicable
<b>EGR</b> Elevator Groove Recess	<b>SGR</b> Slip Groove Recess	<b>CR</b> Crack	<b>B</b> Bent	<b>PC</b> Premium Class	<b>RF</b> Reface
<b>GT</b> Galled Thread	<b>TP</b> Thread Pitting	<b>SP</b> Seal Pitting	<b>TD</b> Thread Damage	<b>SD</b> Seal Damage	<b>M</b> Mashed
<b>1</b> 100 % Coating	<b>2</b> 99-71 % Coating	<b>3</b> 70-40 % Coating	<b>4</b> Up to 40 %	<b>5</b> Nil	<b>WT</b> Wall Thickness
<b>Colors Code:</b>	<b>White</b> No Defects	<b>Red</b> Crack or Extreme Damage.	<b>Blue</b> Damage	<b>Green</b> Seal Damage	<b>Yellow</b> ACFM

<b>Inspector Name:</b>	SHERIF MOHAMED	<b>Review By</b>			
<b>Qualification:</b>	ASNT Level II MT, PT, VT, UT (EM)	<b>Senior Inspector:</b> MOHAMED FAHAD	<b>Supervisor:</b> MOHAMED WAQAS	<b>Customer Name:</b>	
<b>Signature:</b>				<b>Customer Signature:</b>	

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





## CERTIFICATE OF INSPECTION FOR 6 1/2" DRILL COLLAR

Client Name:	DAQING DRILLING CO.	Report No.:	QC-01-24-0035-002
Acceptance Creater.	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	21.JAN.2024
Work Location:	R 799 (DQ 38)	RIG NAME:	DQ-38
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.17.AUG.2023 Cal Due16.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March,2025	A.C HAND YOKE	201504053 Cal.17.AUG.2023 Cal Due16.FEB.2024
INTENSITY METER	SR# R.043943 Cal.15.AUG.2023 Cal Due 14.FEB.2024	UV BLACK LIGHT	SR#1900084 Cal.17.AUG.2023 Cal Due16.FEB.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 15.AUG.2023 CAL Due Date 14.FEB.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date.15. AUG. 2023 CAL Due Date.14. FEB. 2024 SR#21335 CAL.Date.17. AUG.2023 CAL Due Date. 16.FEB.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:	295 \ μw/cm <sup>2</sup>
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection      •MPI inspection with Ultraviolet light • Dimensional 3		
Connection:	NC 50	Size:	6 1/2"

Serial No.	Visual Inspection		MPI			Dimensional 3 Inspection																	
	Pin	Box	Body	Pin	Box	Body	Pin						Box					Body					
							ID (in)	SRG φ (in)	SRG φ (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)
38-2	G.TH	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	7/8"	4 7/16"	6 5/16"	6 5/8"	6 5/8"	5 5/16"	5/8"	4 20/32"	8 1/4"	6 5/16"	33'	43'	---	3/16"	---

**Conclusion:** ■ 01 DRILL COLLARS 6 1/2" above were found "Not Acceptable". From Side Pin 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:	SHERIF MOHAMED	Review By					
Qualification:	ASNT Level II (MT, PT, VT, UT, EM)	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		

