



## CERTIFICATE OF INSPECTION FOR 6 1/2" 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
<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. .14.FEB.2024 Cal Due15AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal. .14.FEB.2024 Cal Due 15AUG.2024
INTENSITY METER	SR# R.043943 Cal.14.FEB.2024 Cal Due 15AUG.2024	UV BLACK LIGHT	SR#1900084 Cal. .14.FEB.2024 Cal Due 15AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date.14.FEB.2024 CAL Due Date 15AUG.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date.14.FEB.2024 CAL Due Date15AUG.2024 SR#21335 CAL.D.14.FEB.2024 CAL Due Date. 15AUG.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 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 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)	Tong λ (in)	Box Tong λ (in)	Tong λ (in)	EGR δ (in)	SGR δ (in)	Overall λ (in)
8999	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	19 1/2"	41 1/2"	5/8"	3/16"	---	
44433	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	12 1/8"	37"	5/8"	3/16"	---	
33118	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	19 1/4"	40 1/2"	5/8"	3/16"	---	
55500	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	12 1/2"	20 1/2"	5/8"	3/16"	---	
33399	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	19 1/4"	40"	5/8"	3/16"	---	
Conclusion:		■ 05 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

Inspector Name:	HAMZA ALI	Review By			
Qualification:	ASNT Level II (MT, PT, VT, UT, EM)	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





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

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24 0091-002
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
<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. .14.FEB.2024 Cal Due 15AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal. .14.FEB.2024 Cal Due 15AUG.2024
INTENSITY METER	SR# R.043943 Cal.14.FEB.2024 Cal Due 15AUG.2024	UV BLACK LIGHT	SR#1900084 Cal. .14.FEB.2024 Cal Due 15AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date.14.FEB.2024 CAL Due Date 15AUG.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date.14.FEB.2024 CAL Due Date 15AUG.2024 SR#21335 CAL.D.14.FEB.2024 CAL Due Date. 15AUG.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 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 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 δ (in)	SGR δ (in)	Overall λ (in)
57948-30	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	34"	17 1/2"	5/8"	3/16"	--
33130	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	21 3/4"	41"	5/8"	3/16"	--
88833	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	21 1/4"	41 1/2"	5/8"	3/16"	--
773	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	19"	17 1/2"	5/8"	3/16"	--
337	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	-----	-----	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	13"	22"	5/8"	3/16"	--
Conclusion:		■ 05 DRILL COLLARS 6 1/2" above were found "Acceptable". At time of Inspection. Pin Stress Relief Groove: Unless waived by the customer, all API connection NC38 and larger that make up to BHA components shall be equipped with pin stress relief grooves or they shall be rejected they diameter and width of the API pin stress relief grooves shall be measured and shall meet the requirements of table 3.8 for drill collars. and table 3.9.1 for HWDP																					

**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:	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		





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

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24 0091-003
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
<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. .14.FEB.2024 Cal Due 15AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March,2025	A.C HAND YOKE	201504053 Cal. .14.FEB.2024 Cal Due 15AUG.2024
INTENSITY METER	SR# R.043943 Cal.14.FEB.2024 Cal Due 15AUG.2024	UV BLACK LIGHT	SR#1900084 Cal. .14.FEB.2024 Cal Due 15AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date.14.FEB.2024 CAL Due Date 15AUG.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date.14.FEB.2024 CAL Due Date 15AUG.2024 SR#21335 CAL.D.14.FEB.2024 CAL Due Date. 15AUG.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 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 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)	Tong λ (in)	Box Tong λ (in)	Tong λ (in)	EGR δ (in)	SGR δ (in)
8877	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	18 1/2"	42"	5/8"	3/16"	--
8878	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	15 1/2"	42"	5/8"	3/16"	--
88008	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	18 1/4"	21"	5/8"	3/16"	--
33131	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	14 3/4"	42"	5/8"	3/16"	--
48844	Acc.	Acc.	Acc.	Acc.	Acc.	Acc.	2 3/4"	4 11/16"	3/4"	4 7/16"	6 1/4"	6 1/2"	6 1/2"	5 5/16"	5/8"	4 5/8"	8 1/2"	6 1/4"	18"	21 1/4"	5/8"	3/16"	--

**Conclusion:** ■ 05 DRILL COLLARS 6 1/2" 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	w	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
<b>Colors Code:</b>		White	No Defects	Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:	HAMZA ALI	Review By					
Qualification:	ASNT Level II (MT, PT, UT, ET, 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



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