



5" HEAVY WEIGHT DRILL PIPE INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0081-001
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	3.MAR.2024
Work Location:	RU-600 (DQ 38)	RIG NAME:	DQ-38
Test Equipment & Consumeable 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 μw/cm ²
Magnitism Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light *Heat Checking		
Connection:	NC 50	Size:	5"

Serial No.	Visual Inspection		Black Light		Dimensional 3 Inspection																	
	Pin	Box	Body	Pin	Box	Pin						Box						Body				
						OD (in)	ID (in)	SRG ϕ (in)	SRG ϖ (in)	Bevel ϕ (in)	pin λ (in)	Seal ϖ	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Seal ϖ	Pin Tong λ (in)	Box Tong g λ (in)	Center Pad ϕ (in)
JHAC31037	NO SRG	NO B.B	Acc	Acc	Acc	6 9/16"	3"	----	---	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	---	---	6 1/8"	19/32"	22"	22 1/2"	5 1/2"
JHAC31029	NO SRG	NO B.B	Acc	Acc	Acc	6 9/16"	3"	---	---	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	---	---	6 1/8"	19/32"	22 1/8"	22"	5 1/2"
1133	NO SRG	Acc	Acc	Acc	Acc	6 9/16"	3"	---	---	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	---	---	6 1/8"	19/32"	22 1/2"	22"	5 1/2"
JHAC36105	NO SRG	NO B.B	Acc	Acc	Acc	6 9/16"	3"	---	---	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	---	---	6 1/8"	19/32"	22"	22 1/2"	5 1/2"

Conclusion: ■ 04 Heavy Weight Drill Pipe above were found "Acceptable". At time of Inspection.22"
 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 erquirements of table 3.8 for drill collers.and table 3.9.Ifor HWDP
 Box Bore Back: unless waived by the customer all API connection NC 38 and larger thet make up to BHA components shall be equipped with bore back boxes or they shall be rejected diameter and length of the bore back cylinder shall be measured and shall meet the requirements of table 3.8 for drill collers. and table 3.9.Ifor 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:	Red Re-cut Conn.	Yellow 2 nd Class	Orange 3 rd Class	Blue Short T. Joint	Green Need Hard Banding

Inspector	SHERIF MOHAMED	Review By				
Qualification:	ASNT Level II (MT) Takamul Company	Senior Inspector:	MOHAMED FAHAD	Supervisor:	WAQAS AHAMED	Customer Name:
Signature:						Customer Signature:
Original - Client Files		Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021				



AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

Tel: +9647810009138 / +9647834964657

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



5" HEAVY WEIGHT DRILL PIPE INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0081-002
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	3.MAR.2024
Work Location:	RU-600 (DQ 38)	RIG NAME:	DQ-38
Test Equipment & Consumeable 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 μw/cm ²
Magnitism Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light *Heat Checking		
Connection:	NC 50	Size:	5"

Serial No.	Visual Inspection		Black Light		Dimensional 3 Inspection																	
					Pin						Box						Body					
	Pin	Box	Body	Pin	Box	OD (in)	ID (in)	SRG ϕ (in)	SRG ϖ (in)	Bevel ϕ (in)	pin λ (in)	Seal ϖ	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Seal ϖ	Pin Tong λ (in)	Box Tong λ (in)	Center Pad ϕ (in)
06000211	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	7/8"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19"	17 1/2"	5 1/2"
122-5	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	7/8"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	15 1/2"	17"	5 1/2"
0400045	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	15"	14"	5 1/2"
06000201	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19"	17 1/2"	5 1/2"
4G-919	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	12 1/2"	14 1/2"	5 1/2"
1195	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19"	17"	5 1/2"

Conclusion: ■ 06 Heavy Weight Drill Pipe 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:		Red Re-cut Conn.	Yellow 2 nd Class	Orange 3 rd Class	Blue Short T. Joint	Green Need Hard Banding

Inspector	SHERIF MOHAMED	Review By					
Qualification:	ASNT Level II (MT)	Senior Inspector:	MOHAMED FAHAD	Supervisor:	WAQAS AHAMED	Customer Name:	
Signature:						Customer Signature:	
Original - Client Files		Copy - Area Office		QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021			





AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq
 Tel: +9647810009138 / +9647834964657
 Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



5" HEAVY WEIGHT DRILL PIPE INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0081-003
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	3.MAR.2024
Work Location:	RU-600 (DQ 38)	RIG NAME:	DQ-38
Test Equipment & Consumeable 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 Due 15.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal. 14.FEB.2024 Cal Due 15.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 Due 15.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 μw/cm ²
Magnitism Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light *Heat Checking		
Connection:	NC 50	Size:	5"

Serial No.	Visual Inspection			Black Light		Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Pin							Box							Body		
						OD (in)	ID (in)	SRG ϕ (in)	SRG ϖ (in)	Bevel ϕ (in)	pin λ (in)	Seal ϖ	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Seal ϖ	Pin Tong λ (in)	Box Tong λ (in)	Center Pad ϕ (in)
5G919	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	3/4"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	12 1/2"	14 1/2"	5 1/2"
06000244	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	18 1/2"	17 1/2"	5 1/2"
06000235	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19"	17"	5 1/2"
06000230	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19 1/2"	18"	5 1/2"
1000345	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	16 1/2"	15"	5 1/2"
1122	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	16"	17"	5 1/2"
Conclusion:	■ 06 Heavy Weight Drill Pipe 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:	Red Re-cut Conn.	Yellow 2 nd Class	Orange 3 rd Class	Blue Short T. Joint	Green Need Hard Banding

Inspector	SHERIF MOHAMED		Review By				
Qualification:	ASNT Level II (MT)		Senior Inspector:	MOHAMED FAHAD	Supervisor:	WAQAS AHAMED	Customer Name:
Signature:							Customer Signature:

Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021





5" HEAVY WEIGHT DRILL PIPE INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0081-004
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	3.MAR.2024
Work Location:	RU-600 (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.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 μw/cm ²
Magnitism Direction (Longitudenal)			
METHODOLOGY:	<ul style="list-style-type: none"> • Through Visual inspection • Dimensional 3 		<ul style="list-style-type: none"> •MPI inspection with Ultraviolet light *Heat Checking
Connection:	NC 50	Size:	5"

Serial No.	Visual Inspection			Black Light		Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Pin						Box					Body					
						OD (in)	ID (in)	SRG ϕ (In)	SRG ϖ (in)	Bevel ϕ (in)	pin λ (in)	Seal ϖ	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Seal ϖ	T _{in} Tong λ (in)	Box Tong g λ (in)	Center Pad ϕ (in)
06000202	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19 1/2"	17 1/2"	5 1/2"
06000243	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	19"	17 1/2"	5 1/2"
03000045	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	15 1/2"	14 1/2"	5 1/2"
06000241	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	19"	17 1/2"	5 1/2"
11000359	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	16"	14 1/2"	5 1/2"

Conclusion: ■ 05 Heavy Weight Drill Pipe 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:	Red Re-cut Conn.	Yellow 2 nd Class	Orange 3 rd Class	Blue Short T. Joint	Green Need Hard Banding

Inspector	SHERIF MOHAMED	Review By					
Qualification:	ASNT Level II (MT)	Senior Inspector:	MOHAMED FAHAD	Supervisor:	WAQAS AHAMED	Customer Name:	
Signature:						Customer Signature:	

Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021





5" HEAVY WEIGHT DRILL PIPE INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0081-005
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	3.MAR.2024
Work Location:	RU-600 (DQ 38)	RIG NAME:	DQ-38
Test Equipment & Consumeable 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 μw/cm ²
Magnitism Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light *Heat Checking		
Connection:	NC 50	Size:	5"

Serial No.	Visual Inspection		Black Light		Dimensional 3 Inspection																	
	Pin	Box	Body	Pin	Box	Pin						Box						Body				
						OD (in)	ID (in)	SRG ϕ (in)	SRG w (in)	Bevel ϕ (in)	pin λ (in)	Seal w	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Seal w	Pin Tong λ (in)	Box Tong λ (in)	Center Pad ϕ (in)
222	NO SRG	P.TH	Acc	Acc	Acc	6 9/16"	3"	----	---	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	---	---	6 1/8"	19/32"	18 1/2"	17 1/2"	5 1/2"
JAHC36104	NO SRG	D.TH	Acc	Acc	Acc	6 9/16"	3"	---	---	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	---	---	6 1/8"	19/32"	22 1/8"	22 1/2"	5 1/2"

Conclusion: 02 Heavy Weight Drill Pipe above were found "Not Acceptable". At time of Inspection.22"
 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 3.9.1for HWDP
 Box Bore Back: unless waived by the customer all API connection NC 38 and larger that make up to BHA components shall be equipped with bore back boxes or they shall be rejected dimeter and length of the bore back cylinder shall be measured and shall meet the requirements of table 3.8 for drill collars. and table 3.9.1for 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	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
Colors Code:	Red Re-cut Conn.	Yellow 2 nd Class	Orange 3 rd Class	Blue Short T. Joint	Green Need Hard Banding

Inspector	SHERIF MOHAMED	Review By					
Qualification:	ASNT Level II (MT)	Senior Inspector:	MOHAMED FAHAD	Supervisor:	WAQAS AHAMED	Customer Name:	
Signature:						Customer Signature:	
Original - Client Files		Copy - Area Office		QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021			



AI TAKAMUL COMPANY FOR ENGINEERING TESTS
AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

Tel: +9647810009138 / +9647834964657

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



5" HEAVY WEIGHT DRILL PIPE INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0081-006
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	3.MAR.2024
Work Location:	RU-600 (DQ 38)	RIG NAME:	DQ-38
Test Equipment & Consumeable 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 μw/cm ²
Magnitismus Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light *Heat Checking		
Connection:	NC 50	Size:	5"

Serial No.	Visual Inspection		Black Light		Dimensional 3 Inspection																	
	Pin	Box	Body	Pin	Box	Pin						Box						Body				
						OD (in)	ID (in)	SRG ϕ (in)	SRG Ϙ (in)	Bevel ϕ (in)	pin λ (in)	Seal Ϙ	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Seal Ϙ	Pin Tong λ (in)	Box Tong λ (in)	Center Pad ϕ (in)
06000223	Acc	D.TH	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19 1/2"	18"	5 1/2"
06000234	Acc	D.TH	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19"	18"	5 1/2"
9966	Acc	D.TH	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	15 1/2"	17"	5 1/2"
551	G.TH	G.TH	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	3/4"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	15 1/2"	13 1/2"	5 1/2"
10001417	G.TH	G.TH	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	7/8"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	16"	20"	5 1/2"
10001425	P.SRG	S.D	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	7/8"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	16"	14"	5 1/2"
Conclusion:			■ 06 Heavy Weight Drill Pipe 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	Ϙ 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: Red Re-cut Conn. Yellow 2 nd Class Orange 3 rd Class Blue Short T. Joint Green Need Hard Banding					

Inspector	SHERIF MOHAMED	Review By				
Qualification:	ASNT Level II (MT)	Senior Inspector:	MOHAMED FAHAD	Supervisor:	WAQAS AHAMED	Customer Name:
Signature:						Customer Signature:
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AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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5" HEAVY WEIGHT DRILL PIPE INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0081-007
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	3.MAR.2024
Work Location:	RU-600 (DQ 38)	RIG NAME:	DQ-38
Test Equipment & Consumeable 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 Due 15.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal. 14.FEB.2024 Cal Due 15.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 Due 15.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 µw/cm ²
Magnitism Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3		•MPI inspection with Ultraviolet light *Heat Checking
Connection:	NC 50	Size:	5"

Serial No.	Visual Inspection		Black Light		Dimensional 3 Inspection																	
	Pin	Box	Body	Pin	Box	Pin						Box						Body				
						OD (in)	ID (in)	SRG ϕ (in)	SRG ϖ (in)	Bevel ϕ (in)	pin λ (in)	Seal ϖ	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Seal ϖ	Pin Tong λ (in)	Box Tong λ (in)	Center Pad ϕ (in)
02000010	G.TH	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	16"	15"	5 1/2"
10001403	P.SRG	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	7/8"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	16"	20 1/2"	5 1/2"
10000348	P.SRG	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	16"	15"	5 1/2"
11000366	G.TH	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	3/4"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	16"	14 1/2"	5 1/2"
3323	P.SRG	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	7/8"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	16"	14"	5 1/2"

Conclusion: ■ 05 Heavy Weight Drill Pipe 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:	Red Re-cut Conn.	Yellow 2 nd Class	Orange 3 rd Class	Blue Short T. Joint	Green Need Hard Banding

Inspector	SHERIF MOHAMED	Review By				
Qualification:	ASNT Level II (MT) Takamul Company	Senior Inspector:	MOHAMED FAHAD	Supervisor:	WAQAS AHAMED	Customer Name:
Signature:						Customer Signature:
Original - Client Files		Copy - Area Office		QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021		





5" HEAVY WEIGHT DRILL PIPE INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-03-24-0081-008
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	3.MAR.2024
Work Location:	RU-600 (DQ 38)	RIG NAME:	DQ-38
Test Equipment & Consumeable 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 Due 15.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal. 14.FEB.2024 Cal Due 15.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 Due 15.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 μw/cm ²
Magnitism Direction (Longitudenal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light *Heat Checking		
Connection:	NC 50	Size:	5"

Serial No.	Visual Inspection			Black Light		Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Pin							Box							Body		
						OD (in)	ID (in)	SRG ϕ (in)	SRG ϖ (in)	Bevel ϕ (in)	pin λ (in)	Seal ϖ	OD (in)	CB ϕ (in)	CB δ (in)	BB ϕ (in)	BB δ (in)	Bevel ϕ (in)	Seal ϖ	Pin Tong λ (in)	Box Tong λ (in)	Center Pad ϕ (in)
10001404	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	3/4"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	16"	20"	5 1/2"
03000042	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8"	6 1/8"	19/32"	16"	14 1/2"	5 1/2"
10001442	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	15 1/2"	20 1/2"	5 1/2"
10001424	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	18 1/2"	20"	5 1/2"
1223	Acc	Acc	Acc	Acc	Acc	6 9/16"	3"	4 11/16"	1"	6 1/8"	4 7/16"	19/32"	6 9/16"	5 5/16"	20/32	4 5/8"	8 1/2"	6 1/8"	19/32"	19"	17"	5 1/2"
Conclusion:		■ 05 Heavy Weight Drill Pipe 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:		Red Re-cut Conn.	Yellow 2 nd Class	Orange 3 rd Class	Blue Short T. Joint	Green Need Hard Banding

Inspector:	SHERIF MOHAMED	Review By				
Qualification:	ASNT Level II (MT)	Senior Inspector:	MOHAMED FAHAD	Supervisor:	WAQAS AHAMED	Customer Name:
Signature:						Customer Signature:

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