

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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AFTER REPAIR INSPECTION CERTIFICATE OF 5" HWDP

Client Name:	DAQING DRILLING	Report No.:	QC-2024-09-DQ-22-009
Acceptance Criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date Of Inspection:	10.SEP.2024
Work Location:	ABERDEEN WORKSHOP	Rig Name	DQ-22
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	22713 Cal.25.JUL.2024 Cal Due 24.FEB.2025
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March,2025	A.C HAND YOKE	PY-10 Cal.25.JUL.2024 Cal Due 24.FEB.2025
INTENSITY METER	SR#1608000134 CAL.Date Cal. 25.JUL.2024 Cal Due 24.FEB.2025	UV BLACK LIGHT	SR#1895313 Cal.25.JUL.2024 Cal Due 24.FEB.2025
LEAD GAGE	SR#AH07KF0026 GAEMAKER LG- Cal. 25.JUL.2024 Cal Due 24.FEB.2025	THREAD PROFILE GAGE	SR#21336 Cal. Cal.25.JUL.2024 Cal Due 24.FEB.2025 SR#21335 Cal. Cal.25.JUL.2024 Cal Due 24.FEB.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3500 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3050 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	<ul style="list-style-type: none"> • Through Visual inspection • MPI inspection with Ultraviolet light • Dimensional Inspection *Lead Gaiging, & Thread Profile Gaiging. 		
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 □ (in)	SRG □ (in)	Bevel □ (in)	pin □ (in)	OD (in)	CB □ (in)	CB □ (in)	BB □ (in)	BB □ (in)	Bevel □ (in)	Pin Tong □ (in)	Box Tong □ (in)	C.W Pad OD(in)	length (in)	
106000923	Acc	-	-	Acc	-	6 9/16"	3 1/16"	4 23/32"	3/8"	6 1/16"	4 1/2"	-	-	-	-	-	-	-	11 9/16"	-	-	-
106000939	Acc	-	-	Acc	-	6 9/16"	3 1/16"	4 23/32"	3/8"	6 1/16"	4 1/2"	-	-	-	-	-	-	-	15 1/2"	-	-	-
2932	Acc	-	-	Acc	-	6 9/16"	3 1/16"	4 23/32"	3/8"	6 1/16"	4 1/2"	-	-	-	-	-	-	-	12"	-	-	-
37-1	Acc	-	-	Acc	-	6 9/16"	3 1/16"	4 23/32"	3/8"	6 1/16"	4 1/2"	-	-	-	-	-	-	-	11 3/8"	-	-	-
575	Acc	-	-	Acc	-	6 9/16"	3 1/16"	4 23/32"	3/8"	6 1/16"	4 1/2"	-	-	-	-	-	-	-	9"	-	-	-

Conclusion : The Above Mentioned 5" Heavy Weight Drill Pipe Were Found Acceptable from Pin Connection After Repair at the time of Inspection, Ready to use.

Abbreviations :

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief Groove	CB Counter Bore	BB Bore Back	FB Float Bore	
□ Diameter	□ Length	□ Width	□ 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:		Review By			
Qualification:		Senior Inspector: M.SARWAR	Supervisor: AHMED MOHAMMAD	Customer Name:	
Signature:				Customer Signature:	

Original – Client Files Copy - Area Office QC/FN/DPI/NDT/006 Rev.00 DATED 07.NOV.2021

