

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-2024-10-DQ-12-008
Acceptance Criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date Of Inspection:	22.OCT.2024
Work Location:	ABERDEEN WORKSHOP	Rig Name	DQ-12
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	3520 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3400 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 <input type="checkbox"/> (in)	SRG <input type="checkbox"/> (in)	Bevel <input type="checkbox"/> (in)	pin <input type="checkbox"/> (in)	OD (in)	CB <input type="checkbox"/> (in)	CB <input type="checkbox"/> (in)	BB <input type="checkbox"/> (in)	BB <input type="checkbox"/> (in)	Bevel <input type="checkbox"/> (in)	Pin Tong <input type="checkbox"/> (in)	Box Tong <input type="checkbox"/> (in)	C.W Pad OD(in)	length (in)
2021	-	Acc	-	-	Acc	-	-	-	-	-	-	6 9/16"	5 5/16"	5/8"	4 5/8"	8"	6 1/16"	-	10 3/16"	-	-
12-24	-	Acc	-	-	Acc	-	-	-	-	-	-	6 9/16"	5 5/16"	5/8"	4 5/8"	8 1/16"	6 1/16"	-	12 3/4"	-	-

Conclusion : The Above Mentioned 5" Heavy Weight Drill Pipe Were Found Acceptable from Box 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	
<input type="checkbox"/> Diameter	<input type="checkbox"/> Length	<input type="checkbox"/> Width	<input type="checkbox"/> 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 MOHAMMED	Customer Name:	
Signature:				Customer Signature:	

Original – Client Files

Copy - Area Office

QC/FN/DPI/NDT/006 Rev.00 DATED 07.NOV.2021

