

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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CERTIFICATE OF INSPECTION AFTER REPAIR FOR 5" DRILL PIPE

Client Name:	DAQING DRILLING	Report No.:	QC 06-24-0100-02
Acceptance Criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date Of Inspection:	8June2024
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	SC 22713 Cal.15.FEB.2024 Cal Due14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due14.AUG.2024
INTENSITY METER	SR#1608000134 CAL.Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal.15.FEB.2024 Cal Due14.AUG.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.FEB.2024 Cal Due 12.AUG.2024	THREAD PROFILE GAGE	SR#21336 Cal. 13.FEB.2024 Cal Due 12.AUG.2024 SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
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:	3070 μw/cm ²
METHODOLOGY:	• Through Visual inspection • Dimensional • MPI inspection with Ultraviolet light *Lead Gaiging, Taper Gauging & Thread Profile Gauging.		
Connection:	NC-50 (4 ½ IF)	Size:	5"

Serial No.	Result of Inspection								Dimensional Inspection (in)										Pin Tong (in)	Box Tong (in)
	Pin	Box	Tube	Coating %	OD Wear	H.B	Remainin g WT	EMI	Pin					Box						
									OD (in)	ID (in)	Pin (in)	Bevel (in)	Pin neck (in)	Seal (in)	OD (in)	CB (in)	CB (in)	Shoulder (in)		
X 187	ACC	--	--	--	--	--	--	6 9/16"	3 ¼"	4 ½"	6 1/8	3/8"	13/32"	--	--	--	--	--	8 ¼"	--
X212	ACC	--	--	--	--	--	--	6 9/16"	3 ¼"	4 ½"	6 1/8	5/16"	13/32"	--	--	--	--	--	7 3/8"	--
X154	ACC	--	--	--	--	--	--	6 9/16"	3 ¼"	4 ½"	6 1/8	½"	13/32"	--	--	--	--	--	7 11/16"	--
X 159	ACC	--	--	--	--	--	--	6 9/16"	3 ¼"	4 ½"	6 1/8	3/8"	13/32"	--	--	--	--	--	8"	--
X 715	ACC	--	--	--	--	--	--	6 9/16"	3 ¼"	4 ½"	6 1/8	3/8"	13/32"	--	--	--	--	--	8 1/16"	--

Conclusion: *05 Joint Was Found Acceptable From PIN Side After Repair At 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	
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		Review By			
Qualification:		Senior Inspector: RAO SOHAIL	Supervisor: NAVEED HUSSAIN	Customer Name:	
Signature:				Customer Signature:	

Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 07 NOV 2021

