

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE FOR 12 1/4" ROLLER REAMER

Client Name:	DAQING DRILLING	Report No.:	DQ-11-QC-24-04-027
Acceptance criteria:	DS-1 Volume 4 fifth Edition	Date of Inspection:	01.APR.2024
Work Location:	EV-49	RIG NO:	DQ-11
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.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
Magnetic Partical Concentration 7HF	1.2 TO 2.4 ML/100 ML		SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
magnetic particle concentration flourcent 14 HF RING GAUGE	0.1 TO 0.4 ML/100 ML DES 12 1/4"RING GAUGE SR # ITS-0014) CAL.Date.04.SEP.2023 CAL Due Date. 03.SEP.2024	WMPT Light Intensity	3500 Lux
		UV LIGHT INTENSITY:	3050 μw/cm ²
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	• Through Visual inspection • MPI inspection with Ultravio • Dimensional 3		

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection														
		Pin	Box	Pin	Box	Body	Pin					Box					Body				
							OD(In)	ID(In)	SRG · (In)	SRG · (In)	Pin · (In)	Bevel · (In)	OD(In)	CB ·(In)	CB ··(In)	BB ·(In)	BB · (In)	Bevel · (In)	TONG PIN-(In)	Fish Nick (In)	Overall ·(In)
1103715	12 1/4" ROLLER REAMER	6 5/8 REG	6 5/8 REG	Acc.	Acc.	Acc.	8"	3"	5 3/8"	7/8"	4 15/16"	7 9/16"	8"	6 1/16"	5/8"	5 9/32"	8 1/2"	7 9/16"	16"	25 1/8"	84 7/8"

Conclusion:	* 01 ROLLER REAMER Was Found Free from Defect At The Time Of Inspection Fit for Use.
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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:	RAG SOHAIL	Review By				
Qualification:	ASNT I, II, III (PT, UT)	Senior Inspector:	M. FAHAD	Supervisor:	WAQAS AWAN	Customer Name:
Signature:						Customer Signature:
Original - Client Files		Copy - Area Office		QC/FN/DJ-PB/029		Rev.00 dated 07.Nov2021

