

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE FOR 8 1/2" ROLLER REAMER

Client Name:	DAQING DRILLING	Report No.:	DQ-11-QC-24-04-030
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 8 1/2" RING GAUGE SR # ITS-0011) 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:	<ul style="list-style-type: none"> • 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)
208SR1645	8 1/2" ROLLER REAMER	NC50	NC50	Acc.	Acc.	Acc.	6 3/4"	2 13/16"	4 23/32"	1"	4 7/16"	6 5/16"	6 3/4"	5 5/16"	5/8"	4 5/8"	8 1/8"	6 5/16"	30"	28 3/4"	85 1/2"
Conclusion:		* 01 ROLLER REAMER Was Found Free from Defect At The Time Of Inspection Fit for Use.																			

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 L3 (PT UT)	Senior Inspector:	M. FAHAD	Supervisor:	WAQAS AWAN	Customer Name:
Signature:						
Original - Client Files		Copy - Area Office		QC/FN/DJ-PB/029		Rev.00 dated 07.Nov2021

