

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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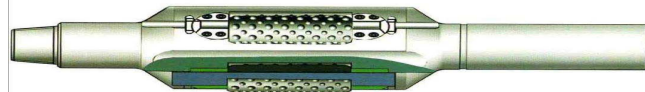


11 15/16" ROLLER REAMER#T100415 INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING		Report No.:	DQ-1202-QC-24-04-RS-020
Acceptance criteria.	DS-1 Fifth Edition, Volume 4	Date of Inspection:	23.APR.2024	
Work Location:	RU-607			
RIG NAME:	DQ-1202			
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	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity	3500 Lux	
RING GAUGE	DES 11 15/16" RING GAUGE(SR # ITS-0006) CAL.Date.04.SEP.2023 CAL Due Date. 03.SEP.2024	UV LIGHT INTENSITY:	3050 μw/cm ²	
MAGNITISUM DIRECTION (LONGITUDENAL)				
METHODOLOGY:	• Through Visual inspection • Dimensional 3 • MPI inspection with Ultraviolet light			

ROLLER REAMER

11 15/16"



Serial No.	Connection		Condition			Dimensional 3 Inspection																
	Pin	Box	Pin	Box	Body	Pin					Box						Body					
						OD	ID (F)	PIN λ (In)	SRG ϕ	SRG λ (In)	BEVEL ϕ	OD	CB ϕ	CB λ (In)	BB ϕ	BB λ (In)	BEVEL ϕ	Fishing Neck (A)	Blade Length (B)	Down Length (C)	Overall Length(D) (in)	Blade Width (E)
T100415	NC50	NC50	Acc.	Acc.	Acc.	6 5/8"	3"	4 7/16"	4 23/32"	1"	6 5/16"	6 5/8"	5 5/16"	5/8"	4 5/8"	8"	6 5/16"	-	-	-	85"	-
Conclusion:		*01 ROLLER REAMER Was Found “Acceptable” 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
ϕ	Diameter	λ	Length	ϖ	Width	δ	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:				Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector	Review By						
Qualification:	Senior Inspector:	M.FAHAD	Supervisor:	WAQAS AWAN	Customer Name:		
Signature:					Customer Signature:		
Original - Client Files Copy - Area Office QC/FN/IBS/001 Rev.00 Dated: 07 Nov 2021							

