

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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8 3/16" (208 MM) REAMER (PXB) INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING CO.	Report No.:	QC-01-24-0035-001
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	21.JAN.2024
Work Location:	R 799 (DQ 38)	RIG NAME:	DQ-38
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	RC2-060120151 Cal. 19.AUG..2023 Cal Due 18.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	21332 Cal 19.AUG..2023 Cal Due 18.FEB.2024
INTENSITY METER	SR#1608000134 Cal. 19.AUG.2023 Cal Due 18.FEB.2024	UV BLACK LIGHT	SR#52852 Cal. 19.AUG..2023 Cal Due 18.FEB.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 17.AUG.2023 CAL Due Date 16.FEB.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date.17. AUG. 2023 CAL Due Date.16. FEB. 2024 SR#21335 CAL.Date.19. AUG.2023 CAL Due Date. 18.FEB.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	1350 Lux
magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity	1350 Lux
Magnetism Direction (Longitudinal)			
METHODOLOGY:	<ul style="list-style-type: none"> • Through Visual inspection • Dimensional 3 		•MPI inspection with Ultraviolet light
Connection:	NC 50	Size:	8 3/16"(208MM)

DESCRIPTION : REAMER 8 3/16"(208MM)	
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Serial No.	Connection		Condition			Dimensional 3 Inspection																
	Pin	Box	Pin	Box	Body	Pin						Box				Body						
						OD	ID (In)	PIN λ(In)	SRG φ	SRGλ(I In)	BEVEL φ	OD	CB φ	CB λ(In)	BB φ In)	BBλ(In)	BEVEL φ	Fishing Neck Length	BBW Length	TPW Length	Overrun	Length(D
1645	NC 50	NC 50	P.SRG	ACC	ACC	6 5/8"	2 7/8"	4 7/16"	4 11/16"	1"	6 3/8"	6 5/8"	5 5/16"	20/32"	4 5/8"	8 1/4"	6 3/8"	30 1/2"	30 1/2"	17"	86"	2 1/2"

Conclusion: • **8 3/16" (208MM) REAMER** was Found "Not Acceptable" From Side Pin at the Time of Inspection

Abbreviations :

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief Groove	CB Counter Bore	BB Bore Back	FB Float Bore
φ Diameter	λ Length	σ 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 Reiected Yellow 2 nd Class Orange 3 rd Class Blue Need Repair Green Need Hard Banding					

Inspector Name:	SHERIF MOHAMED	Review By			
Qualification:	ASNT Level II (MT, PT, VT, UT, EMI)	Senior Inspector:	M.FAHAD	Supervisor:	MOHAMED WAQAS
Signature:					Customer Name:
					Customer Signature:

Original - Client Files Copy - Area Office QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021

