

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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INSPECTION CERTIFICATE OF BIT SUB#MJS111060

Client Name:	DAQING DRILLING	Report No.:	DQ-38-QC-24-05-RS-014
Acceptance Criteria:	DS-1 Fifth Edition, Volume 3	Date of Inspection:	01.MAY.2024
Work Location:	(RU-400A)	Rig No.:	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	SC 22713 Cal.15.FEB.2024 Cal Due 14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due 14.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 Due 14.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:	3050 $\mu\text{w}/\text{cm}^2$
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection • Dimensional 3		
	• MPI inspection with Ultraviolet light		

Serial No.	Description	Connection		Result Inspection			Dimensional 3- Inspection														
							Box					Box					Body				
		Box	Box	Box	Box	Body	OD(In)	CB ² (In)	CB ² (In)	FBD ² (In)	FBL ² (In)	Bevel ² (In)	OD(In)	CB ² (In)	CB ² (In)	BBD ² (In)	BBL ² (In)	Bevel ² (In)	Box Lth (In) ²	Box Lth (In) ²	Overall ² (In)
MJS111060	BIT SUB	4 ½"Reg	NC50	Acc.	NO B.B	Acc.	6 ½"	4 11/16"	5/8"	3 ½"	12 13/16"	5 7/8"	6 ½"	5 5/16"	5/8	-	-	6 1/8"	-	-	24 1/8"

Conclusion :

*01 BIT SUB above was found "Acceptable". At the time of Inspection.NO BORE BACK.NOTE Pin Stress Relief Groove: Unless waived by the customer, all API connection NC38 and larger that make up to BHA components shall be equipped with pin stress relief grooves or they shall be rejected they diameter and width of the API pin stress relief grooves shall be measured and shall meet the erquirements Box Bore Back: unless waived by the customer all API connection NC 38 and larger that make up to BHA components shall be equipped with bore back boxes or they shall be rejected dimeter and length of the bore back cylinder shall be measured and shall meet the requirement

OD \square	Outside Diameter	ID \square	Inside Diameter	SRG \square	Stress Relief Groove	CB \square	Counter Bore	BB	Bore Back	FB	Float Bore
EGR	Elevator Groove Recess	SGR	Slip Groove Recess	CR	Crack	B	Bent	NP.	Not Present	NA.	Not Applicable
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	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:	RAO SAGHAN	Review By			
Qualification:	ASNT Level I	Senior Inspector:	M.FAHAD	Supervisor:	WAQAS AWAN
Signature:				Customer Name:	
				Customer Signature:	
Original - Client Files		Copy - Area Office		QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021	

