

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq
Tel: +9647810009138 / +9647834964657



INSPECTION CERTIFICATE OF BIT SUB# 2019002

Client Name:	DAQING DRILLING	Report No.:	DQ-11-QC-24-03-RS-012
Acceptance Creater:	DS-1 Fifth Edition, Volume 3	Date of Inspection:	22.MAR.2024
Work Location:	(R-104A)	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 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	3120 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	<ul style="list-style-type: none"> • Through Visual inspection • MPI inspection with Ultraviolet light • 3 Dimensional 		

Serial No.	Description	Connections		Inspection Results			Dimensional 3 Inspection																				
		Box		Box	Box	Body	Box					Box					Body										
		Box	Box				OD(In)	CB	φ(In)	CB	δ(In)	FBD	φ(In)	FBL	δ(In)	Bevel	φ(In)	OD(In)	CB	φ(In)	CB	δ(In)	BB	φ(In)	BB	λ(In)	Bevel
2019002	BIT SUB	7 5/8" REG	7 5/8" REG	Acc.	NO B.B	Acc	9 1/2"	7 1/16"	5/8"	4 13/16"	17 1/4"	7 3/4"	9 1/2"	7 1/16"	5/8"	-	-	8 3/4"	-	52"	-						

Conclusion :
01 - The Above Mentioned Bit .Sub were found "Acceptable" At the time of Inspection.NOTE NO BORE BACK. 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 of table 3.25.4

Abbreviations :

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief Groove	CB Counter Bore	BB Bore Back	FB Float Bore
φ Diameter	λ Length	ω 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: White No Defects Red Crack or Extreme Blue ACFM Green Field Repair Yellow Damage					

Inspector Name:	Review By		
Qualification:	Senior Inspector: M.FAHAD	Supervisor: WAQAS AWAN	Customer Name:
Signature:			Customer Signature:
Original - Client Files - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021			

