

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

Tel: +9647810009138 / +9647834964657

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



CERTIFICATE OF INSPECTION FOR 5" HWDP

Client Name:	DAQING DRILLING	Report No.:	DQ-22-QC-24-06-RS-007
Acceptance Creater:	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	10.JUNE.2024
Work Location:	RU-618	Rig No.:	DQ-22
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#160800134 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 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	3450 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2900 µw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	Through Visual inspection • Dimensional	•MPI inspection with Ultraviolet light Heat Checking Thread Profile Gauging.	
Connection:	NC50	Size:	5"

Serial No.	Visual Inspection				Black Light		Dimensional 3 Inspection															
	Pin	Box	Body	HB	Pin	Box	Pin					Box					Body					
							OD (in)	ID (in)	SRG φ (in)	NECK λ (in)	Bevel φ (in)	pinλ (in)	OD (in)	CB φ (in)	CB δ (in)	BB φ (in)	BB δ (in)	Bevel φ (in)	Seal ω	Pin Tong λ (in)	Box Tong λ (in)	Center Post φ (in)
JHAC310 49	Acc	T&S: D	Acc	√	Acc	Acc	6 5/8"	3 1/8"	-	7/16"	6 1/16"	4 1/2"	6 5/8"	5 5/16"	5/8"	-	-	6 1/16"	14/32"	15"	14 3/4"	5 1/2"
<p>Conclusion: The Above Mentioned 5" Heavy Weight Drill Pipe was Found Unacceptable from Box Connection Thread&Seal Damage Rejected.NOTE: 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 diameter and length of the bore back cylinder shall be measured and shall meet the requirements of table 3.9</p>																						

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	Damage
Green	Seal Damage	Yellow	ACFM		

Inspector Name:	Review By				
Qualification:	Senior Inspector:	.FAHAD	Supervisor:	WAQAS	Customer Name:
Signature:					Customer Signature:

Original - Client Files

Copy - Area Office

QC/FN/DJ-PB/029

Rev.00 dated 07.Nov2021

