

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



AFTER REPAIR INSPECTION CERTIFICATE OF 6 3/4'' NMDC

Client Name:	DAQING DRILLING.	Report No.:	2024-0047-001
Acceptance Criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date Of Inspection:	15-03-2024
Work Location:	ABERDEEN WORK SHOP BASRA IRAQ	Rig Name	DQ-12
TEST EQUIPMENT & CONSUMABLE DETAILS			
Penetrant SKL-WP2	Batch #:200211 Exp: JUN,2025 Manufacture: Magnaflux	Developer SKD-S2	Batch#:210601 March. JUN,2025 Manufacture: Magnaflux
Technical Details	TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER –WASHABLE		
Lead Gage	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 14.FEB.2024 CAL Due Date 15.AUG.2024	Thread Profile Gage	SR#21336 CAL.Date. 14.FEB.2024 CAL Due Date. 15.AUG.2024 SR#21335 CAL.Date. 14.FEB.2024 CAL Due Date. 15.AUG.2024
Penetrant Dwell Time:	20 Minutes	Developer Dwell Time:	10 Minutes
Test Part Temperature:	92 °F	White Light Intensity:	1510 lux
Methodology:	<input type="checkbox"/> Through Visual inspection <input type="checkbox"/> Dye Pentrant Inspection <input type="checkbox"/> Dimensional 3		

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection												
		Pin	Box	Pin	Box	Body	Pin					Box					Body Overall \varnothing (In)		
							OD(In)	ID(In)	SRG \varnothing (In)	SRG \varnothing (In)	Pin \varnothing (In)	Bevel \varnothing (In)	OD(In)	CB \varnothing (In)	CB \varnothing (In)	BB \varnothing (In)		BB \varnothing (In)	Bevel \varnothing (In)
2012133110	6 3/4'' NMDC Collar	----	NC 50	----	Acc.	-----	---	---	---	---	---	---	6 3/4''	5 5/16''	5/8''	4 5/8''	8 1/2''	6 3/8'	---

Conclusion: (01) 6 3/4'' NMDC Collar Was Found "Accepted" At The Time Of Inspection.

OD Outside Diameter	ID Inside Diameter	SRG Stress Relief Groove	CB Counter Bore	BB Bore Back	FB Float Bore
\varnothing Diameter	\varnothing Length	\varnothing Width	\varnothing 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 Damage.	Blue Damage	Green Seal Damage	Yellow ACFM

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

Original - Client Files Copy - Area Office QC/FN/DPI/006 Rev.00 Dated: 07 Nov 2021

