

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 9-1/2" NMDC

CLIENT NAME:	OIL SERVICES	REPORT NO.:	QC-B-06-25-0369-1
ACCEPTANCE CRITERIA:	<input checked="" type="checkbox"/> API SPEC 7-2	Date of Inspection:	18-June-2025
WORK LOCATION:	ABERDEEN WORKSHOP		
RIG NAME:			
TEST EQUIPMENT & CONSUMABLE DETAILS			
Penetrant SKL-WP2	Batch #:230206 Exp: FEB,2026 Manufacture: Magnaflux	Developer SKD-S2	EXP#:230608 Exp. JUNE,2026 Manufacture: Magnaflux
Technical Details	TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE		
Lead Gage	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 12.May.2025 CAL Due Date. 11.Nov.2025	Thread Profile Gage	SR#21336 CAL.Date. 12.May.2025 CAL Due Date. 11.Nov.2025 SR#21335 CAL.Date. 12.May.2025 CAL Due Date. 11.Nov.2025
Penetrant Dwell Time:	30 Minutes	Developer Dwell Time:	15 Minutes
Test Part Temperature:	88 °F	White Light Intensity:	3590 lux
INFRARED THERMOMETER	201704125	CAL DUE DATE.	11.Nov.2025
Digital Lux Meter	KL-2842393	CAL DUE DATE.	11.Nov.2025
WATER PRESSURE	30 PSI	COMPARATOR BLOCK	SR#11223 CAL.Date. 12-May.2025 CAL Due Date. 11 Nov .2025
METHODOLOGY:	<ul style="list-style-type: none"> • Through Visual inspection • Dye Penetrant Inspection • Dimensional 3 *Lead Gaiging, & Thread Profile Gaiging. 		

Serial No.	Description	Connection		Result Inspection			Dimensional 3 Inspection												
		Pin	Box	Pin	Box	Body	Pin					Box					Body		
							OD(In)	ID(In)	SRG ϕ(In)	SRG ϖ(In)	Pin λ(In)	Bevel ϕ(In)	OD(In)	CB ϕ(In)	CB δ(In)	BB ϕ(In)		BB δ(In)	Bevel ϕ(In)
565894-1A	9-1/2" NMDC	7-5/8 Reg	-	Acc.	-	-	9-1/2"	4"	6-3/8"	15/16"	5-1/4"	8-13/16"	-	-	-	-	-	-	-
567990-2A	9-1/2" NMDC	7-5/8 Reg	-	Acc.	-	-	9-1/2"	4"	6-3/8"	15/16"	5-1/4"	8-13/16"	-	-	-	-	-	-	-
Conclusion:		■ (02) The above Mentioned 9-1/2" NMDC was found "Acceptable" from PIN Connection After Repair at time of Inspection ready to use.																	

Abbreviations :

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

Inspector Name:		Review By			
Qualification:		Senior Inspector: Muhammad Shehzad	Supervisor: AHMED MUHAMMAD	Customer Name:	
Signature:				Customer Signature:	

Original - Client Files

Copy - Area Office

QC/FN/DPI/006 Rev.00 Dated: 07 Nov 2021

