

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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6 3/4" NMDC INSPECTION CERTIFICATE

CLIENT NAME:	DAQING DRILLING	REPORT NO.:	DQ-22-QC-24-04-RS-009
ACCEPTANCE CRITERIA:	DS-1 Volume 4- 5th Edition	Date of Inspection:	18.APR.2024
WORK LOCATION:	RU-604Z		
RIG NAME:	DQ-22		
TEST EQUIPMENT & CONSUMABLE DETAILS			
PENETRANT SKL-WP2	Batch #:220511 Exp: May,2025 Manufacture: Magnaflux	DEVELOPER SKD-S2	Batch #:220302 Exp. March,2025 Manufacture: Magnaflux
TECHNICAL DETAILS	TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE		
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
PENETRANT DWELL TIME:	30 Minutes	DEVELOPER DWELL TIME:	15 Minutes
Test Part Temperature:	80 °F	White Light Intensity:	3500 Lux
INFRARED THERMOMETER	201704125	CAL DUE DATE.	13.AUG.2024
Digital Lux Meter	KL-2842393	CAL DUE DATE.	08.MAY.2024
WATER PRESSURE	30 PSI	COMPARATOR BLOCK	SR#11223 CAL.Date. 19. FEB.2023 CAL Due Date. 18. AUG .2023
METHODOLOGY:	<ul style="list-style-type: none"> Through Visual inspection Dimensional 3 Dye Penetrant Inspection 		

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 λ(In)	Pin λ(In)	Bevel φ(In)	OD(In)	CB φ(In)	CB δ(In)	BB φ(In)		BB δ(In)	Bevel φ(In)
2222	6 3/4" NMDC	NC50	NC50	Acc.	T.D	Acc.	6 3/4"	27/8"	4 23/32"	3/4"	4 7/16"	6 5/16"	6 3/4"	5 5/16"	5/8	4 5/8"	7 3/4"	6 5/16"	-
Conclusion:		01 6 3/4" NMDC above was found "UnAcceptable" From Box Connection Thread Damage Rejected.																	

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:		Red Crack or Extreme Damage.	Blue Damage	Green Seal Damage	Yellow ACFM

Inspector Name:	Review By					
Qualification:	Senior Inspector:	M.FAHAD	Supervisor:	WAQAS AWAN	Customer Name:	
Signature:					Customer Signature:	
Original - Client Files		Copy - Area Office		QC/FN/DPI/006 Rev.00 Dated: 07 Nov 2021		

