



## AFTER REPAIR INSPECTION CERTIFICATE OF 8" NMDC

CLIENT NAME:	<b>DAQING DRILLING</b>	REPORT NO.:	DQ-22-QC-24-4-002
ACCEPTANCE CRITERIA:	<input checked="" type="checkbox"/> API SPEC 7-2	Date of Inspection:	19.APRIL.2024
WORK LOCATION:	<b>ABERDEEN WORKSHOP</b>		
RIG NAME:	DQ-22		
<b>TEST EQUIPMENT &amp; CONSUMABLE DETAILS</b>			
PENETRANT SKL-WP2	Batch #:220511 Exp: May,2025 Manufacture: Magnaflux	DEVELOPER SKD-S2	Batch #:220302 Exp. March,2025 Manufacture: Magnaflux
TECHNICAL DETAILS	<b>TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER -WASHABLE</b>		
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"> <li>• Through Visual inspection</li> <li>• Dimensional 3</li> <li>• Dye Penetrant Inspection</li> <li>*Lead Gaiging, Taper Gaiging &amp; Thread Profile Gauging.</li> </ul>		

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)
380122	8" NMDC	6 5/8 REG	-	Acc	-	-	8"	2 7/8"	5 3/8"	7/8"	5"	7 1/2"	-	-	-	-	-	-	-
<b>Conclusion:</b>		■ (01) The above Mentioned 8 " NMDC was found "Acceptable" from Pin Connection After Repair at time of Inspection ready to use.																	

**Abbreviations :**

<b>OD</b> Outside Diameter	<b>ID</b> Inside Diameter	<b>SRG</b> Stress Relief Groove	<b>CB</b> Counter Bore	<b>BB</b> Bore Back	<b>FB</b> Float Bore	
<b>φ</b> Diameter	<b>λ</b> Length	<b>w</b> Width	<b>δ</b> Depth	<b>NP.</b> Not Present	<b>NA.</b> Not Applicable	
<b>EGR</b> Elevator Groove Recess	<b>SGR</b> Slip Groove Recess	<b>CR</b> Crack	<b>B</b> Bent	<b>PC</b> Premium Class	<b>RF</b> Reface	
<b>GT</b> Galled Thread	<b>TP</b> Thread Pitting	<b>SP</b> Seal Pitting	<b>TD</b> Thread Damage	<b>SD</b> Seal Damage	<b>M</b> Mashed	
<b>1</b> 100 % Coating	<b>2</b> 99-71 % Coating	<b>3</b> 70-40 % Coating	<b>4</b> Up to 40 %	<b>5</b> Nil	<b>WT</b> Wall Thickness	
<b>Colors Code:</b>		<b>Red</b> Defects	<b>Red</b> Crack or Extreme Damage.	<b>Blue</b> Damage	<b>Green</b> Seal Damage	<b>Yellow</b> ACFM

Inspector Name:	Usra Usabb	Review By			
Qualification:	Senior Inspector:	NAVEED HUSSAIN	Supervisor:	RAO SOHAIL	Customer Name:
Signature:					Customer Signature:
Original - Client Files		Copy - Area Office    QC/FN/DPI/006 Rev.00    Dated: 07 Nov 2021			

