

# AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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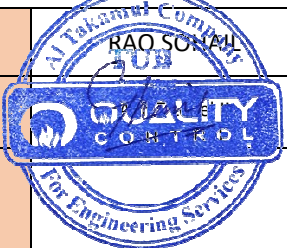
## AFTER REPAIR INSPECTION CERTIFICATE OF 8" DRILL COLLAR

<b>Client Name:</b>	<b>DAQING DRILLING</b>	<b>Report No.:</b>	QC-2024-10-DQ-1202-002
<b>Acceptance Criteria:</b>	<input checked="" type="checkbox"/> API SPEC 7-2	<b>Date Of Inspection:</b>	18.OCT.2024
<b>Work Location:</b>	<b>ABERDEEN WORKSHOP</b>	<b>Rig Name</b>	DQ-1202
<b>Test Equipment &amp; Consumeable Details</b>			
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	22713 Cal.25.JUL.2024 Cal Due24.FEB.2025
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	PY-10 Cal.25.JUL.2024 Cal Due24.FEB.2025
INTENSITY METER	SR#1608000134 CAL.Date Cal. 25.JUL.2024 Cal Due 24.FEB.2025	UV BLACK LIGHT	SR#1895313 Cal.25.JUL.2024 Cal Due24.FEB.2025
LEAD GAGE	SR#AH07KF0026 GAEMAKER LG- Cal. 25.JUL.2024 Cal Due 24.FEB.2025	THREAD PROFILE GAGE	SR#21336 Cal. Cal.25.JUL.2024 Cal Due24.FEB.2025 SR#21335 Cal. Cal.25.JUL.2024 Cal Due24.FEB.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3520 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 μw/cm <sup>2</sup>
Magnetism Direction (Longitudinal)			
<b>METHODOLOGY:</b>	<ul style="list-style-type: none"> <li>• Through Visual inspection</li> <li>• MPI inspection with Ultraviolet light</li> <li>• Dimensional 3</li> <li>*Lead Gaiging, &amp; Thread Profile Gauging.</li> </ul>		
<b>Connection:</b>	<b>6 5/8" Reg</b>	<b>Size:</b>	<b>8"</b>

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection																
	Pin	Box	Body	Pin	Box	Body	Pin					Box					Body						
							OD (in)	ID (in)	SRG $\square$ (in)	SRG $\square$ (in)	Pin $\square$ (in)	Bevel $\square$ (in)	OD (in)	CB $\square$ (in)	CB $\square$ (in)	BB $\square$ (in)	BB $\square$ (in)	Bevel $\square$ (in)	Pin Tong $\square$ (in)	Box Tong $\square$ (in)	EGR $\square$ (in)	SGR $\square$ (in)	Overall $\square$ (in)
12025	-	Acc	-	-	Acc	-	-	-	-	-	-	-	8"	6 1/16"	5/8"	5 18/64"	8 1/2"	7 1/2"	-	42 3/16"	-	-	-
<b>Conclusion:</b>		<b>(01) The above Mentioned 8" Drill Collar were found "Acceptable" from Box Connection After Repair at time of Inspection ready to use.</b>																					

### 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
$\square$	Diameter	$\square$	Length	$\square$	Width	$\square$	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>White</b>	No Defects	<b>Red</b>	Crack or Extreme	<b>Blue</b>	Damage	<b>Green</b>	Seal Damage	<b>Yellow</b>	ACFM

<b>Inspector Name:</b>		<b>Review By</b>					
<b>Qualification:</b>		<b>Senior Inspector:</b>	M.SARWAR	<b>Supervisor:</b>	AHMED MOHAMMED	<b>Customer Name:</b>	
<b>Signature:</b>						<b>Customer Signature:</b>	

Original - Client Files

Copy - Area Office

QC/FN/AF,REP/026

Rev.00

Dated 07 NOV 2021

