

# AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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## AFTER REPAIR INSPECTION CERTIFICATE OF 6 3/4" DRILL COLLAR

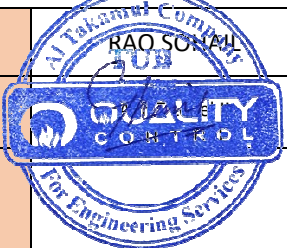
Client Name:	<b>DAQING DRILLING</b>	Report No.:	QC-2024-10-DQ-1202-006
Acceptance Criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date Of Inspection:	18.OCT.2024
Work Location:	<b>ABERDEEN WORKSHOP</b>	Rig Name	DQ-1202
<b>Test Equipment &amp; Consumeable Details</b>			
WHITE CONTRAST WCP-2	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)			
METHODOLOGY:	• Through Visual inspection      •MPI inspection with Ultraviolet light • Dimensional 3                              *Lead Gaiging, & Thread Profile Gaiging.		
Connection:	<b>NC50</b>	Size:	<b>6 3/4"</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)
57948-32	Acc	Acc	-	Acc	Acc	-	6 3/4"	2 7/8"	4 23/32"	3/4"	4 1/2"	6 5/16"	6 3/4"	5 5/16"	5/8"	4 5/8"	8"	6 5/16"	30 1/2"	21 1/4"	-	-	-

**Conclusion:** ■ (01) The above Mentioned 6 3/4" Drill Collar were found "Acceptable" from Pin&Box 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
$\square$	Diameter	$\square$	Length	$\square$	Width	$\square$	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	Blue	Damage	Green	Seal Damage	Yellow	ACFM

Inspector Name:		Review By					
Qualification:		Senior Inspector:	M.SARWAR	Supervisor:	AHMED MOHAMMED	Customer Name:	
Signature:						Customer Signature:	

Original - Client Files

Copy - Area Office

QC/FN/AF,REP/026

Rev.00

Dated 07 NOV 2021

