

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS
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STRING MEGNET INSPECTION CERTIFICATE

Client Name:	DAQING DRILLING	Report No.:	DQ-38-QC-24-06-NA-025
Acceptance Criteria:	DS-1 Fifth Edition, Volume 3	Date of Inspection:	18.JUN.2024
Work Location:	(RU-619)	Rig No.:	DQ-38
TEST EQUIPMENT & CONSUMABLE DETAILS			
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	SC 22713 Cal.15.FEB.2024 Cal Due14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due14.AUG.2024
INTENSITY METER	SR#1608000134 CAL.Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024	UV BLACK LIGHT	SR#1900084 Cal.15.FEB.2024 Cal Due14.AUG.2024
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
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3500 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3050 µw/cm ²
Client Name:			
METHODOLOGY:	• Through Visual inspection • MPI inspection with Ultraviolet light • Dimensional 3		

Serial No.	Description	Connections		Inspection Results			Dimensional 3 Inspection													
							Pin					Box					Body			
		Pin	Box	Pin	Box	Body	OD(In)	ID(In)	NECK ϖ (In)	Pin λ (In)	Bevel ϕ (In)	OD(In)	CB ϕ (In)	CB δ (In)	BBD ϕ (In)	BBL δ (In)	Bevel ϕ (In)	Pin Tong (In)	Overall λ (In)	Fishing Neck (In)
13000821	STRING MEGNET	NC50	NC50	Acc.	Acc.	Acc.	6 ½"	3"	3/8"	4 ½"	6 5/16"	6 ½"	5 10/32	5/8"	--	--	6 5/16	--	141"	--
Conclusion:		*01 STRING MEGNET above was found "Acceptable". At the time of Inspection (Ready for 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:		Red	Rejected.	Yellow	2 nd Class	Orange	3 rd Class	Blue	Need Repair	Green	Need Hard Banding

Inspector Name:	Review By						
Qualification:	Senior Inspector:	MOHAMED FAHAD	Supervisor:	SOHAI RAO	Customer Name:		
Signature:					Customer Signature:		
Original - Client Files		Copy - Area Office		QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021			

