

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED**

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**8 1/4" STRING STABILIZER INSPECTION CERTIFICATE#2021-6-3-4**

<b>Client Name:</b>	<b>DAQING DRILLING</b>	Report No.:	DQ-22-QC-24-04-RS-010
Acceptance criteria.	DS-1 Fifth Edition, Volume 4	Date of Inspection:	18.APR.2024
<b>Work Location:</b>	<b>DQ-22(RU-604Z)</b>		
<b>TEST EQUIPMENT &amp; CONSUMABLE 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	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
Magnetic Partical Concentration 7HF	1.2 TO 2.4 ML/100 ML		SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity	3500 Lux
RING GAUGE	<b>DES 8 1/4" RING GAUGE</b> SR # ITS-0010) CAL.Date.04.SEP.2023 CAL Due Date. 03.SEP.2024	UV LIGHT INTENSITY:	3050 μw/cm <sup>2</sup>

**MAGNITISUM DIRECTION (LONGITUDENAL)**

METHODOLOGY:	<ul style="list-style-type: none"> <li>Through Visual inspection</li> <li>Dimensional 3</li> </ul>	<ul style="list-style-type: none"> <li>MPI inspection with Ultraviolet light</li> </ul>
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<b>STRING STABILIZER</b> <b>8 1/4"</b>	
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Serial No.	Connection		Condition			Dimensional 3 Inspection																
	Pin	Box	Pin	Box	Body	Pin					Box					Body						
						OD	ID (F)	PIN λ(In)	SRG φ	SRG λ(In)	BEVEL φ	OD	CB φ	CB λ(In)	BB φ	BBA(In)	BEVEL φ	Fishing Neck (A)	Blade Length (B)	Down Length (C)	Overall Length(D) (In)	Blade Width (E)
2021-6-3-4	NC50	NC50	Acc.	Acc.	Acc.	6 3/4"	2 7/8"	4 7/16"	4 23/32"	13/16"	6 5/16"	6 3/4"	5 5/16"	5/8"	4 5/8"	8 1/8"	6 5/16"	36 1/2"	16 1/2"	23 5/8"	80 5/8"	2 3/4"

**Conclusion:** \*01 STRING STABILIZER above was found "Acceptable"From 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>σ</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>	<b>Blue</b>	<b>Green</b>	<b>Yellow</b>	<b>ACFM</b>	

<b>Inspector:</b>	KAO WAHAIL		<b>Review By</b>	
<b>Qualification:</b>	Senior Inspector:	M.FAHAD	Supervisor:	WAQAS AWAN
<b>Signature:</b>			<b>Customer Name:</b>	
				<b>Customer Signature:</b>

Original - Client Files Copy - Area Office QC/FN/IBS/001 Rev.00 Dated: 07 Nov 2021

