

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

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**17 1/4" (438 MM) STRING STABILIZER (PXB) INSPECTION CERTIFICATE**

<b>Client Name:</b>	DAQING DRILLING CO.	<b>Report No.:</b>	QC-01-24-0035-003
<b>Acceptance Creater:</b>	DS-1 Fifth Edition, Volume 3 CAT 3-5	<b>Date of Inspection:</b>	21.JAN.2024
<b>Work Location:</b>	R 799 (DQ 38)	<b>RIG NAME:</b>	DQ-38
<b>Test Equipment &amp; Consumable Details</b>			
<b>WHITE CONTRAST WCP-2</b>	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2025	<b>TECHNICAL DETAILS</b>	Wet Visible Continuous
<b>BLACK INK 7HF</b>	Batch#: 220605 Manufacture: Magnaflux Exp Date: JULY.2025	<b>COIL(1200 AMP-TURNS/IN</b>	RC2-060120151 Cal. 19.AUG..2023 Cal Due 18.FEB.2024
<b>FLUORESCENT 14HF</b>	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	<b>A.C HAND YOKE</b>	21332 Cal 19.AUG..2023 Cal Due 18.FEB.2024
<b>INTENSITY METER</b>	SR#1608000134 Cal. 19.AUG.2023 Cal Due 18.FEB.2024	<b>UV BLACK LIGHT</b>	SR#52852 Cal. 19.AUG..2023 Cal Due 18.FEB.2024
<b>LEAD GAGE</b>	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 17.AUG.2023 CAL Due Date 16.FEB.2024	<b>THREAD PROFILE GAGE</b>	SR#21336 CAL.Date.17. AUG. 2023 CAL Due Date.16. FEB. 2024 SR#21335 CAL.Date.19. AUG.2023 CAL Due Date. 18.FEB.2024
<b>Magnetic Partical Concentration 7 HF</b>	1.2 TO 2.4 ML/100 ML	<b>WMPT Light Intensity</b>	1350 Lux
<b>magnetic particle concentration flourcent 14 HF</b>	0.1 TO 0.4 ML/100 ML	<b>WMPT Light Intensity</b>	1350 Lux
<b>Magnetism Direction (Longitudinal)</b>			
<b>METHODOLOGY:</b>	<ul style="list-style-type: none"> <li>Through Visual inspection</li> <li>Dimensional 3</li> </ul>		•MPI inspection with Ultraviolet light
<b>Connection:</b>	<b>7 5/8 REG</b>	<b>Size:</b>	<b>17 1/4"(438MM)</b>

<b>DESCRIPTION :</b> <b>STRING STABILIZER</b> 17 1/4"(438MM)	
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Serial No.	Connection		Condition			Dimensional 3 Inspection																
	Pin	Box	Pin	Box	Body	Pin					Box					Body						
						OD	ID (In)	PIN λ(In)	SRG φ	SRGλ(In)	BEVEL φ	OD	CB φ	CB λ(In)	BB φ (In)	BBλ(In)	BEVEL φ	Fishing Neck	Blade Length	Down Length	Overrun Length(D)	Blade Width
2021-1-9-1	7 5/8 REG	7 5/8 REG	ACC	ACC	ACC	9 1/2"	3"	5 1/4"	6 5/16"	3/4"	9 1/8"	9 1/2"	7 1/16"	20/32"	5 7/8"	9 1/4"	9 1/8"	30"	18 1/2"	22 1/2"	83 1/2"	4 1/2"

**Conclusion:** • 17 1/4" (438MM) String Stabilizers was Found "Acceptable" at the Time of Inspection

**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>ϖ</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> Rejected.	<b>Yellow</b> 2 <sup>nd</sup> Class	<b>Orange</b> 3 <sup>rd</sup> Class	<b>Blue</b> Need Repair. <b>Green</b> Need Hard Banding

<b>Inspector Name:</b>	SHERIF MOHAMED	<b>Review By</b>					
<b>Qualification:</b>	ASNT Level II (MT,PT,VT,ET,EMI)	<b>Senior Inspector:</b>	M.FAHAD	<b>Supervisor:</b>	MOHAMED WAQAS	<b>Customer Name:</b>	
<b>Signature:</b>						<b>Customer Signature:</b>	

Original - Client Files Copy - Area Office QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021

