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**BOTTEL NECK X-OVERS INSPECTION CERTIFICATE**

<b>Client Name:</b>	<b>DAQING DRILLING</b>	<b>Report No.:</b>	DQ-37-QC-24-06-NA.009
<b>Acceptance Createra.</b>	DS-1 Fifth Edition, Volume 3 CAT 3-5	<b>Date of Inspection:</b>	25.JUN.2024
<b>Work Location:</b>	(Ru-621)	<b>Rig No.:</b>	DQ-37
<b>Test Equipment &amp; Consumeable Details</b>			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN.2025	<b>TECHNICAL DETAILS</b>	Wet Visible Continuous
BLACK INK 7HF	Batch#: 220605 Manufacture: Magnaflux Exp Date: JULY.2025	COIL(1200 AMP-TURNS/IN	22713 Cal.15.FEB.2024 Cal Due14.OCT.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	PY-10 Cal.15.FEB.2024 Cal Due14.OCT.2024
INTENSITY METER	SR#1608000134 CAL.Date Cal. 15.FEB.2024 Cal Due 14.AUG.2024	UV BLACK LIGHT	SR#1946875 Cal.15.FEB.2024 Cal Due14.OCT.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.FEB.2024 Cal Due 12.AUG.2024	THREAD PROFILE GAGE	SR#21336 Cal. Cal.15.FEB.2024 Cal Due14.OCT.2024 SR#21335 Cal. Cal.15.FEB.2024 Cal Due14.OCT.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 <sup>2</sup>
<b>Client Name:</b>			
<b>METHODOLOGY:</b>	• Through Visual inspection •MPI inspection with Ultraviolet light • Dimensional 3		

Serial No.	Description	Connections		Inspection Results			Dimensional 3 Inspection														
		Pin	Box	Pin	Box	Body	Pin					Box					Body				
							OD(In)	ID(In)	SRG □ (in)	SRG W □ (in)	Pin λ(In)	Bevel φ(In)	OD(In)	CB φ(In)	CB λ(In)	BBD φ(In)	BBL φ(In)	Bevel λ(In)	Pin Tong φ(In)	Overall λ(In)	Fishing Neck(In)
MJS11540 / 37-1	BOTTEL NECK X-OVER	6 5/8 REG	NC50	Acc.	Acc.	Acc.	8"	2 7/8"	6 13/32"	7/8"	5	7 1/2	6 3/4	5 10/32	5/8"	4 5/8"	8 1/4"	6 5/16	8"	13 1/2"	23"
<b>Conclusion:</b>		*01 X-OVER above was found "Acceptable". At the time of Inspection (Ready for 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>ω</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>	<b>Review By</b>		
<b>Qualification:</b>	<b>Senior Inspector:</b>	<b>Supervisor:</b>	<b>Customer Name:</b>
<b>Signature:</b>	MOHAMED FAHAD	SOHAI RAO	<b>Customer Signature:</b>
Original - Client Files	Copy - Area Office	QC/FN/DJ-PB/029	Rev.00 dated 07.Nov2021

