

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

Basra, North Rumaila, Quality Control Yard - Iraq

Tel: +9647810009138 / +9647834964657

Email: [OP@qualitycontrol-iraq.com](mailto:OP@qualitycontrol-iraq.com) / [hany.akafi@qualitycontrol-iraq.com](mailto:hany.akafi@qualitycontrol-iraq.com)



**INSPECTION CERTIFICATE OF BOTTEL NECK X-OVER#66**

<b>Client Name:</b>	<b>DAQING DRILLING</b>	<b>Report No.:</b>	DQ-1202-QC-24-08-RS-027
<b>Acceptance Criteria:</b>	DS-1 Fifth Edition, Volume 3	<b>Date of Inspection:</b>	8.AUG.2024
<b>Work Location:</b>	(R-816)	<b>Rig No.:</b>	DQ-1202
<b>TEST EQUIPMENT &amp; CONSUMABLE 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	SC 22713 Cal.15.FEB.2024 Cal Due 14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March,2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due 14.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 Due 14.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:	3050µw/cm <sup>2</sup>
Magnetism Direction (Longitudinal)			
<b>METHODOLOGY:</b>	<ul style="list-style-type: none"> <li>• Through Visual inspection</li> <li>• Dimensional 3</li> <li>• MPI inspection with Ultraviolet light</li> </ul>		

Serial No.	Description	Connection		Result Inspection			Dimensional 3- Inspection														
		Pin	Box	Pin	Box	Body	Pin						Box				Body				
							OD(In)	ID(In)	SRG □(In)	SRGW □(In)	Pin □(In)	Bevel □(In)	OD(In)	CB □(In)	CB □(In)	BBD □(In)	BBL □(In)	Bevel □(In)	Tongspac e (In) □	Box Lth (In) □	Overall □(In)
66	BOTTEL NECK X-OVER	7 5/8 Reg	6 5/8 Reg	Acc.	NO B.B	Acc.	9 1/8"	3"	6 11/32"	3/4"	5 1/8"	8 13/16"	8 1/4"	6 1/16"	5/8	-	-	7 1/2"	13 1/8"	17 3/8"	30 1/4"
<b>Conclusion :</b>		<p><b>*01 BOTTEL NECK X-OVER above was found At the time of Inspection NO BORE BACK NO SRG.NOTE: Pin Stress Relief Groove:</b>                      Unless waived by the customer, all API connection NC38 and larger that make up to BHA components shall be equipped with pin stress relief grooves or they shall be rejected they diameter and width of the API pin stress relief grooves shall be measured and shall meet the requirements of table 3.9  <b>Box Bore Back: unless waived by the customer all API connection NC 38 and larger that make up to BHA components shall be equipped with bore back boxes or they shall be rejected diameter and length of the bore back cylinder shall be measured and shall meet the requirements of table 3.9</b></p>																			

<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	
□ Diameter	□ Length	□ Width	□ Depth	NP. Not Present	NA. 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>PT</b> Pitting Thread	<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>White</b> No Defects	<b>Red</b> Crack or Extreme Damage.	<b>Blue</b> Damage	<b>Green</b> Seal Damage	<b>Yellow</b> ACFM

<b>Inspector Name:</b>	USMAN SHABBAR	<b>Review By</b>			
<b>Qualification:</b>	Senior Inspector	<b>Senior Inspector:</b>	NAVEED HUSSAIN	<b>Supervisor:</b>	RAO SOHAIL
<b>Signature:</b>		<b>Customer Name:</b>		<b>Customer Signature:</b>	

Original - Client Files Copy - Area Office QC/FN/AF,REP/026 Rev.00 Dated 01 AUG 2021

