

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

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**INSPECTION CERTIFICATE OF 6 3/4" GRAY VALVE#2020005/MBF180419104**

<b>Client Name:</b>	<b>DAQING DRILLING</b>	<b>Report No.:</b>	DQ-22-QC-24-04-RS-012
<b>Acceptance Criteria:</b>	DS-1 Fifth Edition, Volume 3 CAT	<b>Date of Inspection:</b>	18.APR.2024
<b>Work Location:</b>	(RU-604Z)	<b>Rig No.:</b>	DQ22
<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:	3050 μw/cm <sup>2</sup>
Magnetism Direction (Longitudinal)			
<b>METHODOLOGY:</b>	<ul style="list-style-type: none"> <li>• Through Visual inspection</li> <li>• MPI inspection with Ultraviolet light</li> <li>• Dimensional 3</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)	NECK W (In)	Pin (In)	Bevel (In)	OD (In)	CB (In)	CB (In)	FBD (In)	FBL (In)	Bevel (In)	Tongspac e (In)	Box Lth (In)	Overall (In)
MBF180419104	GRAY VALVE	NC50	NC50	Acc.	Acc.	Acc.	6 3/4"	2 13/16"	-	7/16"	4 7/16"	6 5/16"	6 3/4"	5 5/16"	5/8	3 1/2"	14 3/16"	6 5/16"	-	-	19 3/4"
2020005	GRAY VALVE	NC50	NC50	Acc.	Acc.	Acc.	6 5/8"	2 13/16"	-	5/16"	4 7/16"	6 5/16"	6 3/4"	5 5/16"	5/8	3 1/2"	14 3/16"	6 5/16"	-	-	19 5/8"

**Conclusion :** \*02 GRY VALVE above was found "Acceptable". At the time of Inspection (Ready for Use).

<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	<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	<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	<b>Blue</b> Damage	<b>Green</b> Seal Damage	<b>Yellow</b> ACFM

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

