Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED
Basra, North Rumaila, Quality Control Yard - Iraq
Tel: +9647810009138 / +9647834964657
Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com

QUALITY CONTROL

CERTIFICATE OF INSPECTION FOR 8 ¼" DRILL COLLAR

Client Name:	HONGHUA OIL&GAS ENGINEERING SERVICES.	Report No.:	QC-2023-1646-H011
Acceptance Createra.	DS-1 Fifth Edition, Volume 3 CAT 3-5	Date of Inspection:	10-12-2023
Work Location:	HH YARD BASRA	Rig No.:	HH-29
Test Equipment & Consumeable Details			
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.17.AUG.2023 Cal Due16.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.17.AUG.2023 Cal Due16.FEB.2024
INTENSITY METER	SR# R.043943 Cal.15.AUG.2023 Cal Due 14.FEB.2024	UV BLACK LIGHT	SR#1900084 Cal.17.AUG.2023 Cal Due16.FEB.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL.Date. 15.AUG.2023 CAL Due Date 14.FEB.2024	THREAD PROFILE GAGE	SR#21336 CAL.Date.15. AUG. 2023 CAL Due Date.14. FEB. 2024 SR#21335 CAL.Date.17. AUG.2023 CAL Due Date. 16.FEB.2024
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3550 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2900µw/cm²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection •MPI inspection with Ultraviolet light • Dimensional 3		
Connection:	**6 5/8"Reg**	**Size:**	**8 ¼"**

Serial No.	Visual Inspection			MPI			Dimensional 3 Inspection																
							Pin						Box						Body				
	Pin	Box	Body	Pin	Box	Body	OD (in)	ID (in)	SRG (in)	SRG W (in)	Pin (in)	Bevel (in)	OD (in)	CBD (in)	CBW (in)	BB (in)	BBL (in)	Bevel (in)	Pin Tong (in)	Box Tong (in)	EGR (in)	SGR (in)	Overall (in)
H899	Acc.	Acc.	Acc.	Acc	Acc.	Acc.	8 ¼"	2 7/8"	5 3/8"	7/8"	5"	7 11/16"	8 ¼"	6 1/16"	5/8"	5 18/64"	8 ¾"	7 11/16"	22"	25 1/8"	-	7/32"	-
2018125324	Acc.	Acc.	Acc.	Acc	Acc.	Acc.	8 ¼"	2 7/8"	5 3/8"	7/8"	5"	7 11/16"	8 ¼"	6 1/16"	5/8"	5 18/64"	8 ½"	7 11/16"	30 ¾"	30 ¾"	-	7/32"	-
2018125318	Acc.	Acc.	Acc.	Acc	Acc.	Acc.	8 ¼"	2 7/8"	5 3/8"	7/8"	5"	7 11/16"	8 ¼"	6 1/16"	5/8"	5 18/64"	8 ¾"	7 11/16"	30 ½"	30 ¾"	-	7/32"	-

Conclusion:	■ **(03) The above Mentioned 8 ¼" Drill Collar was found "Acceptable" from Pin & Box Connection After Repair at time of Inspection ready to use.**

Abbreviations :

OD	*Outside Diameter*	**ID**	*Inside Diameter*	**SRG**	*Stress Relief Groove*	**CB**	*Counter Bore*	**BB**	*Bore Back*	**FB**	*Float Bore*
	Diameter		*Length*		*Width*		*Depth*	***NP.***	*Not Present*	***NA.***	*Not Applicable*
EGR	*Elevator Groove Recess*	**SGR**	*Slip Groove Recess*	**CR**	*Crack*	**B**	*Bent*	**PC**	*Premium Class*	**RF**	*Reface*
GT	*Galled Thread*	**PT**	*Pitting Thread*	**SP**	*Seal Pitting*	**TD**	*Thread*	**SD**	*Seal Damage*	**M**	*Mashed*
1	*100 % Coating*	**2**	*99-71 % Coating*	**3**	*70-40 % Coating*	**4**	*Up to 40 %*	**5**	*Nil*	**WT**	*Wall Thickness*
Colors Code:		***White***	**No Defects**	*Red*	**Crack or Extreme Damage.**	**Blue**	**Damage**	**Green**	**Seal Damage**	**Yellow**	**ACFM**

Inspector Name:	M.FAHAD	**Review By**						
Qualification:	ASNT Level II MT,PT	**Senior Inspector:**	RAO SOHAIL	**Supervisor:**	WAQAS AWAN	**Customer Name:**		
Signature:						**Customer Signature:**		

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