

AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - IraqTel: +9647810009138 / +9647810009137
 Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



AFTER REPAIR INSPECTION CERTIFICATE OF 5-1/2" HWDP

Client Name:	DAQING DRILLING	Report No.:	QC-B-07-25-0411-5
Acceptance Criteria:	<input checked="" type="checkbox"/> API SPEC 7-2	Date Of Inspection:	16.July.2025
Work Location:	ABERDEEN WORKSHOP	Rig Name	DQ-37
Test Equipment & Consumeable Details			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2026	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#.220605 Manufacture: Magnaflux Exp Date: JULY.2026	COIL(1200 AMP-TURNS/IN	22713 Cal.12.May.2025 Cal Due11.Nov.2025
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2026	A.C HAND YOKE	PY-10 Cal.12.May.2025 Cal Due11.Nov.2025
INTENSITY METER	SR#1608000134 CAL.Date Cal. 12.May.2025 Cal Due 11.Nov.2025	UV BLACK LIGHT	SR#1895313 Cal.12.May.2025 Cal Due11.Nov.2025
LEAD GAGE	SR#AH07KF0026 GAEMAKER LG- Cal. 12.May.2025 Cal Due 11.Nov.2025	THREAD PROFILE GAGE	SR#21336 Cal. Cal.12.May.2025 Cal Due11.Nov.2025 SR#21335 Cal. Cal.12.May.2025 Cal Due11.Nov.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3520 Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2950 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection •MPI inspection with Ultraviolet light • Dimensional Inspection *Lead Gaiging, & Thread Profile Gaiging.		
Connection:	5-1/2 FH	Size:	5-1/2"

Serial No.	Visual Inspection			Black Light		Dimensional 3 Inspection															
	Pin	Box	Body	Pin	Box	Pin						Box						Body			
						OD (in)	ID (in)	SRG ² (in)	SRG ² (in)	Bevel ² (in)	pin ² (in)	OD (in)	CB ² (in)	CB ² (in)	BB ² (in)	BB ² (in)	Bevel ² (in)	Pin Tong ² (in)	Box Tong ² (in)	C.W Pad OD(in)	length (in)
2304918	Acc.	Acc.	-	Acc.	Acc.	7"	3-7/8"	5-1/4"	3/4"	6-11/16"	4-7/8"	7"	5-7/8"	5/8"	5-1/8"	8"	6-11/16"	18-3/8"	22-7/8"	-	-
2309813	Acc.	Acc.	-	Acc.	Acc.	7"	3-7/8"	5-1/4"	3/4"	6-11/16"	4-7/8"	7"	5-7/8"	5/8"	5-1/8"	8-1/8"	6-11/16"	18-3/8"	22-7/8"	-	-
2309816	Acc.	Acc.	-	Acc.	Acc.	7"	3-7/8"	5-1/4"	3/4"	6-11/16"	4-7/8"	7"	5-7/8"	5/8"	5-1/8"	8-1/4"	6-11/16"	18-1/2"	22-7/8"	-	-
2305948	Acc.	Acc.	-	Acc.	Acc.	7"	3-7/8"	5-1/4"	3/4"	6-11/16"	4-7/8"	7"	5-7/8"	5/8"	5-1/8"	7-7/8"	6-11/16"	18-1/2"	22-7/8"	-	-
Conclusion :	(04) The Above Mentioned 5-1/2" Heavy Weight Drill Pipe Were Found Acceptable from BOX AND PIN Connection After Repair at the 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
² Diameter	² Length	² Width	² 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	TP Thread Pitting	SP Seal Pitting	TD Thread Damage	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:	Tayyab Menmood	Review By			
Qualification:	ASNT Level I NDT Tayyab	Senior Inspector:	NAVEED HUSSAIN	Supervisor:	AHMED MOHAMMAD
Signature:					Customer Name:
					Customer Signature:

Original – Client Files Copy - Area Office QC/FN/DPI/NDT/006 Rev.00 DATED 07.NOV.2021

