

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 / hany.akafi@qualitycontrol-iraq.com



INSPECTION CERTIFICATE OF 7-1/8" IMPULSE FRICTION TOOL REDUCTION#IFT-713HT-018

Client Name:	AL-ESNAAD OIL SERVICES.LLC	Report No.:	QC-B-05-25-0276-17
Acceptance Criteria:	DS-1 Volume 4 fifth Edition	Date of Inspection:	14-May-2025
Work Location:	AL ESNAAD YARD	COMPANY NAME.:	AL-ESNAAD
TEST EQUIPMENT & CONSUMABLE DETAILS			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: June,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.Nov.2024 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.2024 Cal Due 11.Nov.2025
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:	2950 μw/cm ²
Magnetism Direction (Longitudinal)			
METHODOLOGY:	• Through Visual inspection • Dimensional •MPI inspection with Ultraviolet light *Lead Gaiging, & Thread Profile Gaiging.		

Serial No.	Description	Connection		Result Inspection			Dimensional - Inspection														
		Pin	Box	Pin	Box	Body	Pin					Box				Body					
							OD(In)	ID(In)	SRG (In)	SRG W (In)	Pin (In)	Bevel (In)	OD(In)	CB (In)	CB (In)	BBD (In)	BBL (In)	Bevel (In)	Tongspace (In)	Box Lth (In)	Overall (In)
IFT-713HT-018	7-1/8" IMPULSE FRICTION TOOL REDUCTION	DS 55	DS 55	Acc.	Acc.	Acc.	7-1/8"	3-3/4"	-	-	5-7/16"	6-11/16"	7-1/8"	5-7/8"	5/8"	-	-	6-11/16"	23-5/8"	13-1/2"	219"
Conclusion :		7-1/8" IMPULSE FRICTION TOOL REDUCTION was found "Acceptable" At the time of Inspection (Ready for Use).																			

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	TP Thread Pitting	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	Blue Damage	Green Seal Damage	Yellow ACFM

Inspector Name:	TAYYAB MEHMOOD	Review By					
Qualification:	ASNT Level III MPI/PT/UT	Senior Inspector:	NAVEED HUSSAIN	Supervisor:	AHMED MOHAMMAD	Customer Name:	
Signature:						Customer Signature:	
Original - Client Files		Copy - Area Office		QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021			

