



INSPECTION CERTIFICATE FOR 17 1/2" ROLLER REAMER#M-10127

Client Name:	AL-ESNAAD OIL TOOL FOR OIL SERVICES.LLC	Report No.:	QC-24-04-AL-ESNAAD-001
Acceptance criteria.	DS-1 Fifth Edition, Volume 4	Date of Inspection:	28.APR.2024
Work Location:	AL-ESNAAD OIL TOOL YARD		
TEST EQUIPMENT & CONSUMABLE 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.15.FEB.2024 Cal Due14.AUG.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504053 Cal.15.FEB.2024 Cal Due14.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 Due14.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
Magnetic Partical Concentration 7HF	1.2 TO 2.4 ML/100 ML		SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	WMPT Light Intensity	3450 Lux
RING GAUGE	DES 17 1/2"RING GAUGE SR # ITS-004) CAL.Date.04.SEP.2023 CAL Due Date. 03.SEP.2024	UV LIGHT INTENSITY:	2900 μw/cm ²
MAGNITISUM DIRECTION (LONGITUDENAL)			
METHODOLOGY:	<ul style="list-style-type: none"> Through Visual inspection Dimensional 3 MPI inspection with Ultraviolet light 		
ROLLER REAMER 17 1/2"			

Serial No.	Connection		Condition			Dimensional 3 Inspection																
	Pin	Box	Pin	Box	Body	Pin						Box					Body					
						OD	ID (F)	PIN λ(In)	SRG φ	SRG (In)	BEVEL φ	OD	CB φ	CB λ(In)	BBφ	BBλ(In)	BEVEL φ	Fishing Neck (A)	Blade Length (B)	Down Length (C)	Overall Length(D) (in)	Blade Width (E)
M-10127	7 5/8" Reg	7 5/8" Reg	Acc.	Acc.	Acc.	9 1/2"	3 1/8"	5 1/4"	6 3/8"	15/16"	8 13/16"	9 1/2"	7 1/16"	5/8"	5 7/8"	9 1/16"	8 13/16"	25 1/4"	23 1/2"	25 7/8"	84 7/16"	8 1/4"

Conclusion: *17 1/4" ROLLER REAMER Was Found "Acceptable" 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
φ	Diameter	λ	Length	σ	Width	δ	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:		Red	Crack or Extreme Damage.	Blue	Damage	Green	Seal Damage	Yellow	ACFM		

Inspector	KAO WAHAIL					Review By					
Qualification:	Senior Inspector:		M.FAHAD	Supervisor:		WAQAS AWAN	Customer Name:				
Signature:							Customer Signature:				

Original - Client Files Copy - Area Office QC/FN/IBS/001 Rev.00 Dated: 07 Nov 2021

