

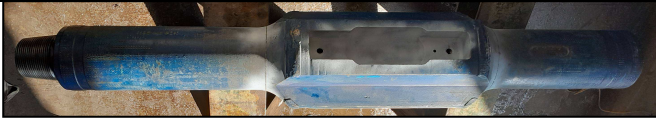
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INSPECTION CERTIFICATE FOR 17 1/2" ROLLER REAMER#DEP-17-0663

Client Name:	AL-ESNAAD OIL TOOL FOR OIL SERVICES.LLC	Report No.:	QC-24-04-AL-ESNAAD-002
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 SR#21335 Cal. 15.FEB.2024 Cal Due 14.AUG.2024
Magnetic Partical Concentration 7HF	1.2 TO 2.4 ML/100 ML		
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:	• 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)
DEP-17-0663	7 5/8'' Reg	7 5/8'' Reg	Acc.	Acc.	Acc.	9 ½''	3 1/8''	5 ¼''	6 3/8''	15/16''	8 13/16''	9 ½''	7 1/16''	5/8''	5 7/8''	9 3/8''	8 13/16''	19 1/8''	23 ½''	24''	75 7/8''	8 ½''
Conclusion:		*17 ¼'' 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	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	

