Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq

CERTIFICATION OF VISUAl, THOROUGH EXAMINATON & MAGNETIC PARTICLE INSPECTION

Client:	HALLIBURTON	**Report No:**	QC-24-TSS-0102-004
Location:	TSS	**Job Number:**	10224
Date:	01.FEB.2024	**Next Inspection Date:**	31.JULY.2024
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	**Specification:**	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)

UNIT DESCRIPTION:	**CHOKE MANIFOLD PAD EYES**
UNIT S/N:	**11432306**
UNIT DIM:	**2.54 M (L) X 2.43 M (W) X 0.94 M(H)**

PAD EYES DIMENSION	PAD EYE SWL	Unit M.G.W	REMARK
Thickness :- 32 mm Pin Hole :- 28 mm Length :- 166 mm Height :- 76 mm	4 T	3969 KG	Satisfactory

INSPECTION RESULT :

VISUAL , THOROUGH EXAMINATION	unit fully inspected and found free from deforms, cracks, corrosion & mechanical damage
MAGNETIC PARTICLE INSPECTION	Welds & forgn areas inspected and found free from cracks and other defects
FINAL RESULTS	unit found satisfactory and free of defects at the time of inspection

COMMENT:

Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast

EQUIPMENT DETAILS

Equipment:	Astm Test Block	**Equipment:**	Digital Lux Meter WHITE LIGHT INTENSITY: 3160 lux	**Equipment:**	AC/DC Yoke PERMANET HAND MAGNATIC
S.No:	1657	**S.No:**	2722003	**S.No:**	PY-09
Cal Due Date:	14.FEB.2024	**Cal Due Date:**	16.FEB.2024	**Cal Due Date:**	16.FEB.2024
Black Magnetic Ink Concentration 7 HF	Magnaflux	**Batch No:**	220306	EXPIRE DATE:	MARCH,2025
Whie Contrast Paint Manufacture:	Magnaflux	**Batch No:**	220602	EXPIRE DATE:	JUN,2025

TECHNICAL DETAILS	TECH	
	Whie Contrast Paint Manufacture:	0.1 to 0.4 ml/100 ml

PERSON DETAILS

INSPECTOR NAME:	**ASHRAF ELSAID**
QUALIFICATION:	**ASNT LEVEL II MT & PT & VT**
STAMP & SIGNATURE:	

REVIEW BY

SENIOR INSPECTOR:	NAVEED HUSSAIN
SUPERVISOR:	AHMED MOHAMED
CLIENT:	