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 Information Technology	**Report No:**	QC/24/HALL-HPS-NOV-002
Location:	Sperry Inspection Area	**Job Number:**	QC-24/HALL-028
Inspection Date:	Sunday, November 3, 2024	**Next Inspection Date:**	Friday, May 2, 2025
Type Of Inspection:	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	**Specification:**	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)

UNIT DESCRIPTION:	**SATELLITE TOWER SECTION**
UNIT S/N:	**31126**
UNIT DIM:	**0.35 M (L) X 0.35 M (W) X 3.00 M (H)**
MATERIAL THICKNESS:	**6 MM**

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

** NOTE: SECTION SUPPORTERS CAN'T BE USED FOR CLIMBING

EQUIPMENT DETAILS

Equipment:	AC-Yoke Test Block	**Equipment:**	Digital Lux Meter	**Equipment:**	AC/DC Yoke
S.No:	1657	**S.No:**	2722003	**S.No:**	201504052
Cal Due Date:	11-Apr-25	Cal Due Date:	13-Apr-25	Cal Due Date:	11-Apr-25

Black Magnetic Ink Manufacture:	Magnaflux	**Batch No:**	220605	**Expiry Date:**	JULY.2025
Whie Contrast Paint Manufacture:	Magnaflux	**Batch No:**	220602	**Expiry Date:**	JUN,2025

Technical Details:	**Magnetic Partical Concentration**	**Method**	**WMPT Light Intensity**
	1.2 to 2.4 ml/100 ml	Wet Magnetic Particle Testing (WMPT)	3630 Lux

PERSON DETAILS

INSPECTOR NAME: M.Shahzad Ahmed

QUALIFICATION ASNT LEVEL II MT & PT & VT

STAMP & SIGNATURE:

REVIEW BY

SENIOR INSPECTOR:	NAVEED HUSSAIN
SUPERVISOR:	HANI ALI
CLIENT:	

Original - Client Files | Copy - Area Office | QC/FN/MPI/065 Rev.00 DATED 07 Nov 2021