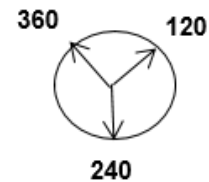
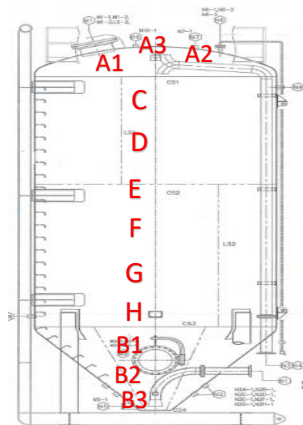


CERTIFICATE OF QUALIFICATION VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	HALLIBURTON	REPORT No.:	QC/25/HALL-0201-015
LOCATION:	BAROID YARD	STANDARD:	ASTM E709 & ASTM E797
INSPECTION DATE:	Friday, January 3, 2025	INSPECTION.DUE DATE:	Friday, January 2, 2026
TYPE OF INSPECTION:	VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING		
DESCRIPTION:	SILO TANK	MANUFACTURER SERIAL NO:	PT /167
MANUFACTURER:	BADER AL MULLA & BROS. CO W.L.L	MAXIMUM ALLOWABLE WORKING PRESSURE	55 PSI
YEAR OF MANUFACTURER :	2014		

INSPECTION DETAILS



ONLINE TRACEABILITY

* ALL READINGS IN MM
**MINIMUM THICKNESS PROVIDED BY CUSTMER



THICKNESS POINTS AREA	WALL THICKNESS RESULT			MINIMUM THICKNESS	FINAL REMARKS
	120°	240°	360°		
SILO TANK TOP A1	12.59	12.67	12.80	10 MM	SATISFACTORY
SILO TANK TOP A2	12.45	12.56	12.49		
SILO TANK TOP A3	12.58	12.64	12.68		
SILO TANK BOTTOM B1	13.43	13.44	13.52		
SILO TANK BOTTOM B2	13.67	14.06	13.98		
SILO TANK BOTTOM B3	13.89	13.97	13.84		
SILO TANK SHELL C	11.66	11.54	11.71	8 MM	
SILO TANK SHELL D	11.79	11.80	11.87		
SILO TANK SHELL E	11.63	11.51	11.55		
SILO TANK SHELL F	11.75	12.27	12.35		
SILO TANK SHELL G	11.92	11.93	11.72		
SILO TANK SHELL H	11.79	11.71	12.18		

INSPECTION RESULT

VT & MPI	Accepted	According to ASTM E709
UT	Accepted	According to ASTM E 797
BODY	Accepted	*** These Are The Actual Readings Need To Follow As Per Manufacturing Date Book

Inspection Evaluation

(MPI) The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable According to ASTM E709

U.T-The Above Item Was Found Acceptable As Per ASTM E797

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504048	CAL DUE DATE	11-Apr-25	White Contrast WCP 2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	13-Apr-25		Magnaflux	220602	JUN.2025
UT THICKNESS GAUGE:	5500391	CAL DUE DATE	11-Apr-25	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5088	CAL DUE DATE	12-Apr-25		Magnaflux	220605	JULY.2025
ASTM Test Block:	1657	CAL DUE DATE	11-Apr-25	Fluorescent Magnetic Ink 7HF	1.2 to 2.4 ml/100 ml		
WHITE LIGHT INTENSITY:	3640 lux						

PERSON DETAILS

REVIEW BY

INSPECTOR NAME:	M.Shahzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:	
QUALIFICATION:	AI, N.I, UT, MPI, TQM, ISO 9001	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN	
SIGNATURE & STAMP:				DATE:	

SILO TANK PICTORIAL

