

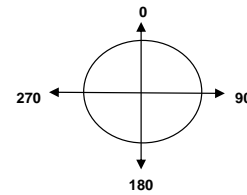
**CERTIFICATE OF VISUAL AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING INSPECTION**

THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIREMENTS

CLIENT:	<b>HALLIBURTON</b>	REPORT No.:	QC-24-10-HPS-NDT-022
LOCATION:	<b>HPS YARD</b>	STANDARD:	ASTM E709 & ASTM E797
INSPECTION DATE:	Wednesday, October 9, 2024	INSPECTION. DUE DATE:	<b>Tuesday, April 8, 2025</b>
TYPE OF INSPECTION:	<b>VISUAL INSPECTION AND MAGNETIC PARTICLE INSPECTION AND ULTRASONIC THICKNESS GAUGING</b>		

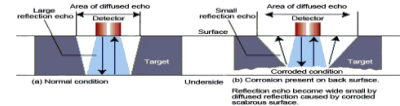
DESCRIPTION:	<b>CTU#8 MAST UNIT PIPE</b>
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**INSPECTION DETAILS**



**ONLINE TRACEABILITY**

**\* ALL READINGS IN INCH  
\*\*MINIMUM THICKNESS PROVIDED BY CUSTOMER**



POINTS	THICKNESS AT POSITION				MINIMUM THICKNESS PROVIDED BY CUSTOMER
	0°	90°	180°	270°	
A	0.156	0.162	0.159	0.157	0.149 INCH
B	0.176	0.197	0.203	0.200	0.149 INCH
C	0.157	0.155	0.160	0.158	0.149 INCH

**INSPECTION RESULT**

VT & MPI	Accepted	According to ASTM E709
UT	Accepted	** According to ASTM E 797

**Inspection Evaluation**

**(MPI)** The Above Item Has No Significant Discontinuous At The Time Of Inspection And Found Acceptable Accordance To ASTM E709

Note:MPI Inspection With A/C Hand Yoke On Welds Area

**U.T-**The Above Item Was Found Acceptable As Per ASTM E 797

INSPECTION EQUIPMENT DETAILS				TECHNICAL DETAILS			
AC YOKE S.N:	201504052	CAL DUE DATE	14-Oct-24	White Contrast WCP-2	MANUFACTURE	BATCH NO	EXPIRE DATE
Digital Lux Meter WHITE LIGHT	2722003	CAL DUE DATE	16-Oct-24		Magnaflux	220602	JUN,2025
UT THICKNESS GAUGE:	3997	CAL DUE DATE	14-Oct-24	Black Magnetic Ink 7HF	MANUFACTURE	BATCH NO	EXPIRE DATE
UT TEST BLOCK:	NoBo5087	CAL DUE DATE	15-Oct-24		Magnaflux	220605	JULY,2025
ASTM Test Block:	1657	CAL DUE DATE	15-Oct-24	Black Magnetic Ink Concentration 7 HF			
WHITE LIGHT INTENSITY:	3620 lux			1.2 to 2.4 ml/100 ml			

PERSON DETAILS		REVIEW BY		
INSPECTOR NAME:	M. Shehzad Ahmed	SENIOR INSPECTOR:	NAVEED HUSSAIN	CLIENT:
QUALIFICATION:	ASNT CP	INSPECTION SUPERVISOR:	HANI ALI	HB&SIGN
SIGNATURE & STAMP:				DATE: