

**AI TAKAMUL COMPANY FOR ENGINEERING TE
AND PROFESSIONAL SAFETY LIMITED**
Basra, North Rumaila, Quality Control Yard - Iraq



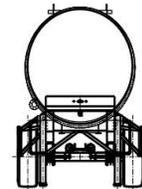
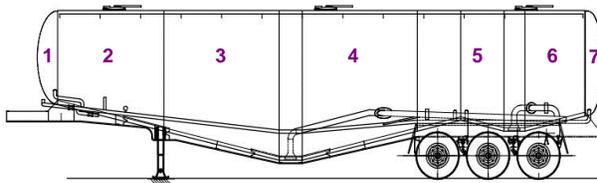
CERTIFICATE OF QUALIFICATION VISUAL INSPECTION INTERNAL & EXTERNAL & ULTRASONIC WALL THICKNESS MEASUREMENT
THIS REPORT COMPLIES WITH RECOGNIZED INTERNATIONAL STANDARDS & TECHNICAL REQUIEREMENTS

CLIENT:	TAREEK AL-SALEM	REPORT NO:	QC-CMT-NDT-24-07-001
LOCATION:	HALLIBURTON BACK YARD YARD	SPECIFICATION:	ASME SECTION V ARTICLE 5,10 & 27
INSPECTION DATE:	Wednesday, July 3, 2024	DUE DATE:	Wednesday, July 2, 2025
TYPE OF INSPECTION:	VISUAL INSPECTION INTERNAL & EXTERNAL & ULTRASONIC WALL THICKNESS MEASUREMENT		
DESCRIPTION:	CEMENTING BULKER TRANSPORTS / TANK		
MANUFACTURE:	TAREQ HAJI	SERIAL NO:	NP9DTS03WN113067
ULTRASONIC THICKNESS GAUGE S.NO:	5103161	CAL DUE DATE:	Monday, October 14, 2024
MANUFACTURE:	HUATEC GROUP	MODEL:	TG4000

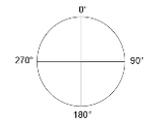
INSPECTION DETAILS

SHELL WALL THICKNESS GRID

HEAD WALL THICKNESS GRID



X INDICATES LOCATION OF THICKNESS MEASUREMENT



SAP NO:	POSITION	POSITIONS				MINIMUM THICKNESS
		0°	90°	180°	270°	
NP9DTS03WN113067	BULK HEAD	0.292	0.288	0.287	0.320	0.182
	HEAD 1	0.297	0.291	0.289	0.321	
	HEAD 7	0.291	0.299	0.322	0.324	
	SHELL 2	0.263	0.274	0.275	0.277	
	SHELL 3	0.279	0.282	0.285	0.283	
	SHELL 4	0.271	0.280	0.281	0.282	
	SHELL 5	0.273	0.272	0.273	0.281	
	SHELL 6	0.270	0.279	0.285	0.295	

VISUALLY & ULTRASONIC WALL THICKNESS MEASUREMENT INSPECTED AREAS

A-Shell and head area, shell and head around piping area. B-Bottom Center Area. C-Opining area, D-Joint welds Area, E-Shell reinforcement area. F-Attachments Area. G-Suspension system attachments and connecting structure. U.T-The Above Item Was Found Acceptable As Per Manufacture Acceptance Criteria.

VT - VISUALLY: SURFACE INSPECTION OF WELDING AND CRITICAL AREAS (ACCEPTED)

INSPECTION RESULT

CEMENTING BULKER TRANSPORTS / TANKACID TANK WAS FOUND ACCEPTABLE WALL THICKNESS AS PER MANUFACTURE ACCEPTANCE CRITERIA.

ULTRASONIC THICKNESS EQUIPMENT DETAILS		PERSONNEL DETAILS		CUSTOMER DETAILS	
EQUIPMENT:	ULTRASONIC THICKNESS METER	NAME:	NAVEED HUSSAIN	SIGNATURE:	NAME:
MFC & MODEL:	HUATEC GROUP & TG4000	QUALIFICATION:	ASNT LEVEL II MT,PT,UT,VT	SIGNATURE:	
CAL DUE DATE:	Monday, October 14, 2024	SIGNATURE:			

