



Storage Tanks

Non-Metallic technology applied to storage tanks.

ASME PCC-2 · 401-I

Please complete this form as fully as possible and **do not leave any field blank**. If information is unknown, write **“unknown”**; if data has not been verified, write **“assumed”** next to it. This form complies with **ASME PCC-2 (2018), Appendix 401-I Design Data Sheet**. Questions: VSTK Technology technical support **+54 291 502-0424 · vstarkw@gmail.com**

1 PROJECT INFORMATION

PROJECT NAME		TANK ID
CALCULATION PACKAGE	TURNAROUND TIME	API 653 COMPLIANCE REQUIRED? ☐ Yes ☐ No

2 OWNER INFORMATION

COMPANY NAME		POINT OF CONTACT	
MOBILE PHONE	EMAIL		
ADDRESS	CITY, STATE, ZIP CODE	COUNTRY	

3 CERTIFIED INSTALLER INFORMATION

COMPANY NAME		POINT OF CONTACT	
MOBILE PHONE	EMAIL		
ADDRESS	CITY, STATE, ZIP CODE	COUNTRY	

4 TANK COMPONENTS

OUTSIDE DIAMETER ft	NOMINAL TANK HEIGHT ft	INSULATED ☐ Yes ☐ No
ORIGINAL WALL THICKNESS in	MINIMUM REMAINING WALL in	EXISTING COATING ☐ Yes ☐ No
CONSTRUCTION (MATERIAL / GRADE / SCHEDULE)		REQUESTED DESIGN LIFE years



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5 SERVICE AND DESIGN CONDITIONS

TYPE OF SERVICE	VACUUM PRESSURE psi
OPERATING PRESSURE psi	OPERATING TEMPERATURE °F
DESIGN PRESSURE psi	DESIGN TEMPERATURE °F
CONTENTS / CHEMICAL COMPOSITION %	

6 DEFECT AND REPAIR

REPAIR TYPE ☐ Type A — non-leaking ☐ Type B — leaking		REPAIR SERVICE LIFE ☐ Temporary ☐ Long-term	
WHAT IS THE OBJECTIVE OF THE REPAIR? 			
IF TYPE B (LEAKING): LEAK-SEALING INFORMATION 			
TYPE OF DEFECTS ☐ Holes ☐ Wall thinning ☐ Cracks ☐ Grooves ☐ Dents ☐ Other: _____			
DEFECT SHAPE ☐ Circular ☐ Rectangular		CORROSION ☐ Internal ☐ External	
		EROSION ☐ Internal ☐ External	
DEFECT SIZE (LENGTH × WIDTH OR DIAMETER) in		NUMBER OF DEFECTS PER TYPE	
MAXIMUM ALLOWABLE WORKING PRESSURE (MAWP) psi		REQUESTED REPAIR LENGTH ft	

7 INSTALLATION AND AMBIENT CONDITIONS

REQUIRED SURFACE PREPARATION LEVEL	SKIN TEMPERATURE DURING INSTALLATION °F
SHUTDOWN REQUIRED FOR INSTALLATION? ☐ Yes ☐ No	OBSTRUCTIONS (LIST)
SURFACE PREPARATION RESTRICTIONS ☐ Yes ☐ No	
IF YES, DESCRIBE 	



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8 NOTES

9 PHOTO RECORD *attach three photos of the repair area*



Photo 1 — repair area



Photo 2



Photo 3

10 AREA SKETCH

FREEHAND SKETCH OF THE REPAIR AREA (INDICATE DIMENSIONS AND ORIENTATION)