

Industrial Project 2

Project	STORAGE & PROCESS VESSELS
Scope of Work	DESIGN AND DEVELOPMENT OF STORAGE TANKS AND PRESSURE VESSELS
Inputs	<ul style="list-style-type: none"> • MECHANICAL DATASHEET • REFERENCE DRAWING • PROJECT SPECIFICATION
Codes	<ul style="list-style-type: none"> • ASME SEC VIII DIV 1 • API Standards • TEMA Codes
Deliverables	<ul style="list-style-type: none"> • ASME CODE DESIGN CALCULATION REPORT • GENERAL ASSEMBLY DRAWINGS • FABRICATION DETAIL DRAWINGS • MATERIAL LIST • FOUNDATION LOAD & MOMENT DETAILS • IMPACT TEST & POST WELD HEAT TREATMENT (PWHT)
Platform/ Tools Used	PV ELITE/ COMPRESS, AutoCAD, Structural & Thermal Analysis
Technical Parameters	<ul style="list-style-type: none"> • VESSEL SIZE & VOLUME • OPERATING PRESSURE AND TEMPERATURE • DESIGN PRESSURE AND TEMPERATURE • OPERATING FLUID AND LEVEL • NOZZLE REFERENCE • WIND & SEISMIC ZONES • CRITICAL REQUIREMENTS IF ANY (PED, GOST, NACE, ETC.)