

American Tank & Vessel, Inc.

**Tank Repair,
Alteration, &
Reconstruction**



AMERICAN TANK & VESSEL, Inc.

30 Years & 700 Repair Projects



American Tank & Vessel, Inc's. (AT&V) engineers have been involved in construction and repair of tanks and terminals around the world from as early as the mid 50's, working on storage of crude to cryogenics, one tank to 50, or from China to Jamaica.

AT&V has a long history of repairing tanks with issues such as the following:

- Corrosion Repair/Replacement
- Emission Reduction Technology
- Bottom Repair/Replacement
- Jack & Level Foundations
- Leak Detection & CP Systems
- Seal Repair/Replacement
- EFR/IFR Repair/Replacement
- Fire Damage Repairs
- Shell Repair/Replacement
- Roof and/or Roof Structural Repair/Replacement
- Nozzle Additions/Deletions and/or Repairs
- Hydro Test Exemption Repairs
- A.S.M.E. Repair Under "R" Stamp
- Hurricane & Wind Damage Repair



Shell Repair



Roof Conversions



Fire Damage

Industry Leading Schedules in Tank Repair

124' Bottom Replacement Example



124' dia. New Tank Bottom required 2101LDX material for bottom and annulars with specially configured weld procedures, and working in average temperatures well below freezing. AT&V supplied equipment, materials, procedures and labor for full field execution in an overtime fast track environment.

Total Duration: 10 calendar days
Lump Sum

180' Roof Restoration Example



AT&V was required to cold cut significant portions of the roof skin and remove 100% of the roof, replacing failed and corroded rafters, as well as miscellaneous repairs to the top angle and tie-in points. Scope of work required the complete demo and restoration of the tank on 40 hr weeks.

Total Duration: 4.5 weeks (no OT)
Lump Sum

70' Shell Repair Example



70' dia. API-650 tank shell was damaged by tornado in Texas and required significant repair alteration, utilizing the existing structure under a critical schedule. New shell plate, along with reworking old materials was required to realize the best value for the customer. Work was executed on a fast track schedule with special safety considerations for the art to be implemented.

Total Duration: 2 weeks

120' IFR Replacement Example



120' dia. API-650 (Pontoon) AT&V performed demolition work on the existing floater, removing it, allowing the customer time for additional inspections of the bottom, as well as AT&V continuing the project with the installation of a new fully operational pontoon floater. Work was executed on a fast track schedule.

Total Duration: 16 work days
Lump Sum

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U.S. Fabrication Supports Tank Repair

AT&V's in-house fabrication capacity gives 24 hour support to critical tank repair projects. Fabrication performance for quality and schedules have consistently out-performed AT&V competitors in multiple markets.

AT&V supports fabrication in (4) locations in the U.S., as well as support in Canada, South America, Central America, Asia and West Africa.

AT&V's fabrication facilities in the U.S. extend over 200 acres and approach a half-million square feet of fabrication under hook. AT&V's U.S. facilities support America's largest press at over 8,000 tons, plate rolls up to 20' X 4 ½", 50' diameter turning ability, in-house heat treating, as well as automated welding systems and traditional equipment. For additional information on AT&V's U.S. facilities, please visit the website at www.at-v.com.

In the U.S. AT&V's fabrication facilities are supported with transportation by water, rail, and in-house trucking. Material inventories, backup equipment and excess shop capacity give AT&V the ability to ensure fabrication schedules are always met.



www.at-v.com



150 Acre Gulf Coast Waterfront



80 Acre Fabrication Plant



Louisiana Fabrication & Yard



Houston Export Fabrication Yard