

Applied Mechanical Technology specializes in standard and custom fabricated Liquid Transloading facilities and systems designed for high performance, reliability and efficient service.

We are an industry leader in liquid railcar trans loading systems with over 20 years of staff experience in system design, fabrication and installation. With everything from standard models to custom designed systems, we have the expertise and technology to provide the liquid transloading system for your project.

Applied Mechanical Technology can provide everything from upgrade components for your existing facility to a complete new facility.

With our in-house design, engineering and fabrication capability you are guaranteed to get a quality project. Our expertise in planning and procurement also assures the project will run smoothly, on-time and on budget.

Our fabrication shop is fully equipped with state of the art tools and systems including cranes, breaks, shears, welding stations, project bays, machine shop, pipe racks, parts department and control panel shop.

Applied Mechanical Technology can design and fabricate even the most complex transloading systems complete with process piping, blowers, boilers, insulation, automation, instruments, sensors, valves, traps, strainers, filters, pumps, measuring systems, heat exchangers, etc.

To complete the systems package Applied Mechanical Technology has strong strategic relationships with leading vendors for all the equipment and components that we provide. Our ability to source components is a valuable project support function that enables us to keep the projects on schedule and on budget.

Our systems are designed with reliability, functionality and efficiency as primary concerns. Standard designs may include, but are not limited to the following;

- Railcar liquid transloading, barge liquid transloading
- Automatic or manual valves.
- All manor of high performance pumping systems including, positive displacement, centrifugal, gear, rotor, roller, diaphragm, peristaltic etc.
- Strainers and filters.
- Insulation for pumps and piping.
- Blowdown systems for piping evacuation.
- Complete control panels – including motor controls - pre-wired for easy installation.
- Computerized recipe and wash ticket generation for professional results – every time.
- Heat exchangers and boilers for product temperature control.
- Process piping in all materials, stainless steel, carbon steel, copper, PVC, various other alloys.
- Access platforms and catwalks.