

Instrumentation and Control Buildings



INSTRUMENTATION AND CONTROL BUILDINGS

Valtronics Solutions offers a wide range of instrumentation and control buildings for field use in the natural gas transmission, natural gas processing, and natural gas liquid markets. These buildings are constructed from non-combustible materials within a heavy-gauge steel framework to meet the design load and sizes required for specific applications. Valtronics can provide a solution from the simplest metering station to the most complex facility with multiple and varied analyzers and metering systems for custody transfer.

Valtronics, headquartered in Ravenswood, WV, is the home of dedicated construction and electrical crews specializing in industrial building design and fabrication. The facility provides ample workspace for factory trained crews to

build and wire each custom designed building, install the necessary mechanical, electrical, and analytical equipment, and host a full Factory Acceptance Test on each building. This means your buildings are designed, built, and tested in the United States from start to finish. Valtronics Solutions also provides a wide range of project management with dedicated leaders to accommodate customer requirements.

- Meter buildings
- Analyzer buildings
 - Gas chromatography (BTU analyzers)
 - Moisture analyzers
 - H₂S analyzers
 - Total sulfur analyzers
 - Hydrocarbon dew point analyzers

- Mercury analyzers
- Pipeline monitoring stations
- Compressor control buildings
- Telemetry stations
- Odorant injection buildings
- Measurement & Regulation buildings
- RTU Buildings
- Auxiliary buildings
- Glycol pump injection buildings
- Storage buildings

FACTORY ACCEPTANCE TESTING (FAT)

Valtronics offers Factory Acceptance Testing at its manufacturing headquarters in Ravenswood, WV, to accommodate customer-specific requirements including visual inspection, pressure testing, leak testing, operational performance testing, documentation review, and potential storage options. Factory Acceptance Testing plans are normally specified during the project quotation stage and are subject to final approval.

SITE ACCEPTANCE TESTING (SAT)

The most reliable method for determining certain gas quality items, sample gas conditioning systems, vaporizer sample conditioning systems, and composite sampling systems is an on-site test. Valtronics Solutions can conduct a Site Acceptance Test (SAT) which is performed on site when the system is installed at the permanent operation position. The SAT is to test and check functionalities with other interfaces at the site.

STATE CERTIFICATION REQUIREMENTS FOR PRE-ERECTED BUILDINGS

Knowing your state's certification requirements helps streamline the building process to ensure important project deadlines are met. In addition to state requirements, your company may wish to inspect the project progress as it advances through each stage. Progression inspections should be outlined early in the design phase.

States that Require Certification

- | | |
|------------------|--|
| • *Alabama | • Montana |
| • *Arizona | • *Nevada |
| • California | • *New Hampshire |
| • *Colorado | • *New Jersey |
| • Connecticut | • *New Mexico |
| • *Florida | • *New York |
| • *Georgia | • *North Carolina |
| • *Idaho | • *North Dakota |
| • *Indiana | • *Ohio |
| • *Iowa | • *Oregon |
| • *Kentucky | • *Rhode Island |
| • *Louisiana | • *South Carolina |
| • *Maryland | • *Tennessee |
| • *Massachusetts | • *Texas (registration number IHM-372) |
| • *Michigan | • *Virginia |
| • *Minnesota | |
| • *Missouri | |

*Indicates Valtronics is registered

Analytically Accurate® SOLUTIONS

About Valtronics Solutions

Valtronics Solutions is a diverse manufacturing and services company within the natural gas, liquefied natural gas, natural gas liquids, petroleum and chemical industries. We provide skids including gas measurement and control systems, monitoring equipment, automation, cabinets, and complete analyzer buildings. Our service technicians are fully trained in equipment diagnostics and troubleshooting, and are capable of rebuilding valves in the field. With over 250 years of skilled experience, our company is dedicated to exceeding customer expectations when fulfilling their needs. Our dedicated staff has driven sustained growth with thousands of customers depending on Valtronics' products and services globally.

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