

Services to the Natural Gas Industry

THA Engineering Solutions provides a variety of engineering design and drafting services for the full range of natural gas facilities including pipeline, compression and measurement.

Facilities Planning and Design

There's an old saying, "to be successful, you must begin with the end in mind." This is very true when planning and designing facilities like compressor stations, measurement runs, or other facilities integral to efficiently moving natural gas.

Compressor Stations

THA provides design and drafting services for skid-mounted compressor packages up to 2000 hp.

Other services provided include:

- ❑ Major piping changes for large diameter piping in existing compressor stations
- ❑ Auxiliary systems, including: gas cooling, air, water, oil, fuel gas, glycol, waste water, waste oil, steam and electrical power generation
- ❑ Gas conditioning systems, including: dehydration, desulfurization and nitrogen rejection



Other Facilities

THA Engineering Solutions provides design and drafting for other facilities, including:

- ❑ Block Valve assemblies
- ❑ Relief Valves
- ❑ Launchers and Receivers



Measurement Facilities

THA Engineering Solutions provides design and drafting services for measurement facilities. We can design any type of measurement facility from a positive displacement meter (turbine meter, orifice meter, ultrasonic meter) to ultrasonic measurement with shadowing. We can help integrate any type of electronic flow measurement equipment into your existing system.

Construction Management

THA also provides construction management services for all types of natural gas installations including project management and scheduling, on-site inspection services and on-site or after-completion "as-built" documentation.

THA can provide support in several areas of CM including:

- ❑ Provide general oversight of construction – to be the eyes and ears for the Owner
- ❑ Improve communications with Contractor to assure the project stays on-time and under-budget
- ❑ Be Owner's Representative on-site to facilitate timely decision making to avoid "decision delays"
- ❑ Evaluate Requests for Payment and Change Orders