CONSTRUCTION SOLUTIONS
SINCE 1965
WE ARE VEC
VEC inc.

WHO WE ARE

WHO WE ARE

ABOUT US

Founded in 1965, VEC is a privately held construction company performing electrical construction, fabrication and mechanical piping. We began as a local electrical contractor and over the past 59 years, we great our markets and our capabilties.

WHO WE ARE

OUR MARKETS

Automotive
Manufacturing
Mission Critical
Oil & Gas

WHAT WE DO

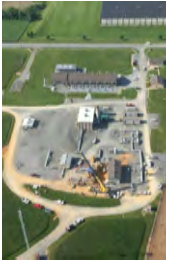
WHAT WE DO

OUR CAPABILITIES

ELECTRICAL CONSTRUCTION
- Field instrumentation
- Tubing
- Distrubution
- Substations
- Underground electrical
- Pre-fabricated control and MCC buildings
- Emergency storm work
- Low voltage electrical

MECHANICAL PIPING
- Compressors
- Pumps
- Equipment setting
- Separators
- Launchers
- Meter Stations
- Stainless steel piping

FABRICATION
- Shop welding and pipe fabrication
- Paint
- Sandblasting
- Pre-fabricated skids and assemblies



VEC, INC.

WHAT WE DO

COMMITMENT TO SAFETY

TEAM MEMBERS SHARE RESPONSIBILITY FOR CONTINOUS IMPROVEMENT

Team members are encouraged to find safer ways of performing work through the use of technology, tools or improved processes.

TRAINING FOR ALL TEAM MEMBERS

VEC provides frequent training for all team members so they can perform work safely and correctly. All VEC field leaders are OSHA 30 certified and CPR certified.

STOP WORK POLICY

All team members have the authority to initiate an intervention to stop any task where concerns regarding safety risk exist or are not understood.

NEAR MISS REPORTING

Near miss incidents are reported, recorded and investigated to determine how to prevent a reoccurence.

PROJECT-SPECIFIC SAFETY PLANS

Safety plans are developed for each project, addressing project-specific safety hazards and how the team will mitigate those.

DAILY SAFETY HUDDLES

Prior to the start of work each day, project teams meet to discuss tasks for the day and how to perform those safely.

WHAT WE DO

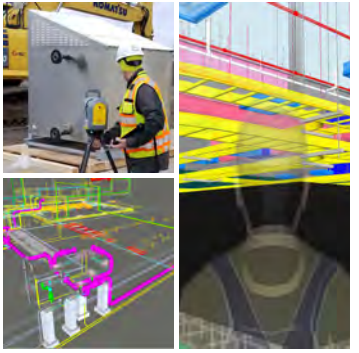
FABRICATION FACILITIES

- Over 20,000 square feet of shop space
- Four, 16-ton cranes
- Pipe sizes up to 42" OD
- Stainless steel orbital welding up to 6"
- Sub arc welding
- Painting and blasting bay

TECHNOLOGY
CREATING EFFICIENCIES

TECHNOLOGY

PROJECT INTEGRATION



- Project assist services combining technology with standard practices
- Tablet technology
  - AutoDesk Build
  - PlanGrid
- AutoDesk BIM 360 Glue
- On-site BIM boxes
- Laser scanning
  - Captures millions of coordinates in a matter of minutes
  - Minimizes risk and creates efficiencies
  - Tie-in locations
  - Pipe and flange sizing
  - Bolt up verification
  - As-built conditions

PROJECT
EXPERIENCE

AUTOMOTIVE | LORDSTOWN, OHIO

ULTIUM CELLS 1

SRP
- Self-performed all electrical, mechanical piping, mechanical and structural fabrication
- Coordinated structural steel, equipment setting, ductwork and insulation
- Worked with customers and OEM on engineering

HOT OIL COATER LINE
- Self-performed all mechanical piping
- Coordinated site logistics, material and equipment handling, ductwork and insulation

LOW VOLTAGE STRUCTURED CABLING
- Self-performed installation of all low voltage cabling, rack setting and power to racks

PROCESS LINE
- Self-performed installation of all electrial cabling, power requirements and conduits for various process lines

AUTOMOTIVE | SPRING HILL, TENNESSEE

ULTIUM CELLS 2

SRP

- Managed the installation of lines 2 - 5
- Self-performed all electrical, mechanical piping, mechanical and structural fabrication
- Coordinated structural, equipment setting, ductwork and installation
- Worked with customer and OEM on engineering

VEC, INC.

AUTOMOTIVE | LANSING, MICHIGAN

ULTIUM CELLS 3

SRP

- Self-performed all electrical, mechanical piping, mechanical and structural fabrication
- Coordinated structural steel, equipment setting, ductwork and insulation
- Worked with customers and OEM on engineering

LOW VOLTAGE STRUCTURED CABLING

- Self-performed installation of all low voltage cabling, rack setting and power to racks

CHEMICALS | MONACA, PENNSYLVANIA

SHELL CHEMICALS PROJECT FRANKLIN EARLY WORKS

- Electrical installation for the early works portion of the ethane cracking facility
- Temporary power – site wide 5kV temporary power distribution including approximately 60 pad-mounted transformer and power distribution panels
- Site lighting including 80, 100-foot high mast light poles
- CCTV camera systems for site wide coverage of over ten miles of fence line

VEC, INC.

CHEMICALS | ASHTABULA, OHIO

ASHTA CHEMICALS

- Upgrades and a new addition to the Ashta Chemicals facility

NORTH PLANT

- Technology upgrade to replace existing mercury cells with membrane cells
- Installation of two new MCCs, adjustment of the existing MCC, wiring of new pumps and installation of new instruments

WEST PLANT

- Installation of electrical distribution area
- Receive power from existing North Plant meter building

SOUTH PLANT

- Complete electrical installation including instrumentation, power distribution, lighting, motor hook up, tray and coated conduit

CHEMICALS | MONACA, PENNSYLVANIA

SHELL CHEMICALS 138KV LINE

- Provided a complete new 138kV XLPE cable system for the Shell Chemicals Plant. The work included:
  - All necessary engineering design
  - Procurement of materials and equipment
  - Duct bank fabrication and delivery
  - Duct bank installation
  - Cable installation
  - Testing and pre-commissioning of the 138kV XLPE cable

OIL & GAS | WYOMING COUNTY, PENNSYLVANIA

STATION 605

- Installation of a two unit grassroots compressor station; the scope of work included:
  - Installation of two 15,000 HP EMD compressors, buildings ancillary equipment and piping from the suction and discharge headers, including main-line block valve assembly and pipeline outside of the station fence line
- The new equipment consisted of
  - Toshiba 1500 HP electric pony motor with VFD
  - 15,000 HP main motor
  - Voith gear box
  - Solar C45 compressor

OIL & GAS | TESCOTT, KANSAS

TESCOTT COMPRESSOR STATION

UNIT 6

- Compressor addition at the Tescott Compressor Station. The scope of work included:
  - Installation of an 11,1110 HP ISO Solar Taurus 70 turbine driving a C45 Compressor
  - Tie in to existing station
  - New station side valves
  - New auxiliary building and MCC

UNIT 5

- Controls upgrade to the existing compressor unit

OIL & GAS | OHIO, PENNSYLVANIA, MICHIGAN, WEST VIRGINIA

ROVER PIPELINE METER STATIONS

- Turn-key installation of multiple meter stations long a dual 42” pipeline running from Pennsylvania, through West Virginia and Ohio, up through Michigan
- 15 greenfield stations, all trades

THANK YOU