

COMPLETED PROJECTS

INDUSTRY	PROJECT	OWNER	ENGINEER	LABOR HRS	DESCRIPTION
CHEMICAL	401Kt Styrenics Expansion	Bayer Corporation	Bayer Corporation	170,000	Fabricated and installed piping and equipment for multi process plant upgrade. Installed piping for process, hydraulic, air-convey systems and all plant utilities. Project peaked at 145 craftspeople on capital work and 40 craftspeople on infrastructure upgrades. Project included over 800 Isometric drawings utilized for fabrication and installation
CHEMICAL	B-30 Piping & Equipment	Dow Corning	Dow Corning	54,000	Set equipment, fabricated and installed piping for a new process. Piping included steam, condensate, nitrogen, air, and chemical lines. Subcontractors included painters and inspection service for radiography.
FOOD & BEVERAGE	Banded Hot Dog Line Replacement	Sara Lee	Hixson	6,000	Replaced high speed Hot Dog Packaging line. Included food grade piping, process plumbing, vacuum systems, cleaning/sanitizing systems and all utilities. The bulk of this work was completed during a 24 hour per day outage during the month of December
PETROLEUM	Blend Skid	FMC	FMC	NA	Fabricated, tested, and shipped blend system for oil additives at terminal plant. Module included all CS welded/flanged piping, hot oil tracing, 6 meters, 6 control valves, and 2 controllers mounted to a galvanized steel frame. Shipped to China.
PETROLEUM	Blending Facility	Quaker Chemical	FMC Engineering	42,000	Fabricated and installed piping, insulation, and equipment for new blending facility with 2 Reactors, 10 Blenders, Finish Vessel, 10 new vessels, modifications to existing tank farm and process area. Project included new Thermal Oil system, Scrubber System, Cooling Water and Compressed Air systems. Upgraded existing Steam and Condensate system. Created 3d piping layout from engineers design through flow sheets and equipment layouts. Assisted in constructability and design with Engineer and end user.
CHEMICAL	Blending System	Procter & Gamble	Belcan	NA	Fabricated, tested, and shipped blending system for laundry and cleaning plant. Module included all SS piping and structural steel tube as well as control valves and instrumentation.
FOOD & BEVERAGE	Candy Line	Van Melle	NA	NA	Complete upgrade of existing candy production line to optimize layout, increase throughput and resolve maintenance issues. Included piping and controls.
HVAC	Chiller Plant Replacement	580 Building	ThermalTech	5,000	Remove and replace 2-800 ton chillers, in 3rd floor equipment room and 2-cooling towers (4 cell) on the 15th floor. System included tower cleaning system with centrifugal separator and related equipment. Project was completed on a managed cost basis on time and under budget.
HVAC	Chiller Plant Upgrade	Eastgate Mall	Hardy Corporation	4,000	Replaced owner furnished chiller plant equipment and controls which included (2) 600 ton chillers, (2) 600 ton cooling towers, and (4) pumps. Converted primary only system to primary-secondary chilled waters system.
HVAC	Chiller Plant Upgrade	Good Sam Hospital	ThermalTech	5,000	Mechanical installation of 6 cooling towers with piping on the roof (15th story) and 1500 ton chiller in a 10 floor mechanical room. Several tie-ins were completed in existing lines including 24" condenser water and 18" Chilled water mains during an around the clock outage over a weekend.
FOOD & BEVERAGE	Continuous Deodorizing Facility	P & G	P&G	8,224	Fabrication and installation of process piping system and related instrumentation. Responsible for erecting and setting for 60 foot high cracking towers, eight heat exchangers and numerous pumps.
AUTOMOTIVE	Diesel Manufacturing Plant	DMAX	DMAX	8200	Completed the piping installation for a plant wide expansion including all utility piping to new manufacturing equipment.
HVAC	District Chilled Water Plant	Cinergy Corporation	ThermalTech	14,500	Detailing, fabrication, and installation of piping and equipment for 15,000 ton cooling plant serving downtown Cincinnati. Project was completed on a fast track basis in the basement of an existing building and included an extensive amount of heavy rigging and fabrication.

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HVAC/POWER	Duke Energy Center Chiller Plant Expansion	Duke Energy	ThermalTech Engineering	4,200	Disassembled and rigged 1500 ton chiller thru 3rd floor opening at Convention Center. Removed 4 existing cooling towers from roof and replaced with 6 new towers and support steel. Fabricated and installed new piping and tied in to Duke's Central underground cooling loop. Subcontractors included iron workers, insulators, sheet metal, painters and general construction craft.
Pharmaceutical	Ethanol Solvent Recovery/Heparin Digest Project	Pfizer Inc.	Jacobs Engineering	21,000	Installed process piping, utility piping, insulation, Fire Protection, HVAC systems, and controls for solvent recovery and Heparin production facility. Work included equipment installation of several process storage tanks, pumps, cooling towers, SWECO processing units, cooling water, steam, condensate, resin, enzyme, glycol, caustic, sulfuric acid, CIP, soft water, and scrubber systems.
AEROSPACE	Fuel Carts	General Electric	PEDCO	NA	Fabricated, tested, and shipped (2) fuel injection systems constructed of SS tubing and tube fittings mounted to portable steel carts.
HVAC/HOSPITAL	Hospital Renovation	Good Sam Hospital	Turner Construction	7000	Complete renovation of two floors of an operating hospital. We installed new HVAC equipment and piping, new equipment room, boilers, chiller, pumps, AHU, glycol and treated water systems working multiple shifts with multiple subcontractors. The use of protective garments, HEPA filtration systems and proper storage of materials to ensure systems were not contaminated with construction debris were daily functions of our work activities.
HVAC	HVAC Installation	St. Andrews Church	NA	1,200	HVAC renovation of 100 year old church that included 5 zones of heating and cooling with a new boiler, air handler, and several ductless split systems.
HVAC	HVAC Installation	Cincinnati Financial New Office Tower Addition	Heapy and Associates	18,000	Installation of an HVAC system for a new office building including (3) chillers, (8) air handlers, (310) fan coil units, (3) boilers and associated piping, insulation and ductwork.
HVAC	HVAC Installation	Procter & Gamble	NA	1,000	Installation of HVAC systems for a process control room and laboratory areas.
HVAC	HVAC Installation	Cincinnati Hills Christian Academy	Vamosi and Associates	5,500	Installation of an HVAC system for a school including a chiller, 3 air handlers, 40 fan coil units, 3 boilers, and associated piping and ductwork.
FOOD & BEVERAGE	KOSHER FLEX	Procter & Gamble	Jedson	8000	Install Concentrator, Reboilers, Vacuum Systems, Structural and utility upgrades for Plant Capacity Expansion
POWER	Madison Generating Station	Duke Power	Duke/Fluor Daniel	12,600	Installed owner furnished piping and instrumentation and provided start-up assistance for 8 gas fired turbine-generating units added to the existing generating station in Trenton, Ohio. Systems installed included fuel gas, extraction air and lube oil.
PETROLEUM	Metering Skid	Marathon Ashland	Marathon Ashland	NA	Designed, fabricated, tested, and shipped (5) metering skids to multiple oil blending facilities. Each module included a pump, meter, control panel and piping mounted to a portable steel frame.
POWER	Miami Fort /Trona System	Duke Energy	Duke Energy	4100	Installed lime treatment system in plant exhaust system. Rigged and assembled customer furnished equipment, provided fabricated piping, insulation, painting and startup assistance.
POWER	Miami Fort Generating Station Unit 8 SCR	Cinergy Corporation	Sargent Lundy	25,000	Fabricated and installed all piping, instrumentation, on an SCR retrofit of an existing coal fired unit. Installation included instrumentation, sonic horns, lay-up and purge air, station air, lube oil to ID Fans, superheated drains and ammonia piping.
POWER	Millennium Chemical / Ashtabula Generating Station	Cinergy Corporation	Adena Utilities	30,000	Fabricated and installed all piping, instrumentation, water treatment systems on a combined cycle power plant. Plant is comprised of 5 gas fired turbine generators with heat recovery units and 2 steam powered turbines supplying power and steam for the Millennium Chemical Plant in Ashtabula, Ohio.

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CHEMICAL	Mixing Skid	Procter & Gamble	Procter & Gamble	NA	Fabricated, tested, and shipped process mixing system connected to heating skid. Module included pump, mixer, pressure vessel, jacked SS piping and control panel mounted to a structural steel base. Module registered and shipped to Canada.
FOOD & BEVERAGE	OBK/OSG	Precision Packaging	OBK/OSG	9960	Install sanitary stainless DI Water piping utilizing clean orbital weld processes. Install personal care products packaging lines. Work included tank heating, cooling, load cells, and all utilities and controls.
CHEMICAL	Oleum Line Expansion	Procter & Gamble	Jedson	7,000	Installation of piping and associated equipment for the expansion of existing process line. In addition to large bore stainless steel piping, Instrumentation, and utility systems this project included the installation of 900 Ton Process Chiller Plant
CHEMICAL	Ozone Incinerator	Cognis-Oleochemicals	Cognis-Oleochemicals	3800	Installed waste incineration system in operating facility. Work included fabricated ss piping, steam tracing systems, heavy equipment rigging, insulation and painting. The bulk of work was completed during a 7 day plant shutdown.
FOOD & BEVERAGE	Pall Filter Installation	Miller Brewing	Miller Brewing	3,000	Installation of piping and associated equipment for the installation of a filtering system on the beer keg line.
FOOD & BEVERAGE	Process Tower	Cargill	AMG, Inc.	15,000	Fabrication and installation of piping and equipment for a multi-story sucrose plant process system. Also included complete instrumentation system.
POWER	PSEG Lawrenceburg Energy Facility	PSEG (now AEP) Power	Fluor Constructors	167,300	Assisted in Final Construction and Commissioning activities for all systems on 1216 MW Combined Cycle Power Plant. Systems included cooling, power, instrumentation, lubrication, utility and support systems. Craft managed included Pipefitters, Boilermakers, Millwrights, Teamsters, and Laborers.
GASES	Pump Box Skid Assembly	Air Liquide	Air Liquide Engineering	2,562	Complete fabrication of a Pump Box Skid Assembly, consisting of 4 vertical pumps, piping and instrumentation assembled in 4 ducts. All piping cleaned and inspected for oxygen service. Crafts managed included Iron Workers, Pipefitters, Electricians, & Painters.
FOOD & BEVERAGE	R&D Pilot line for Processing Poultry	Koch Foods	Koch Foods	1,600	Installed new poultry packing line in their Fairfield plant. We started from the ground and worked up. Our scope in this food processing plant included plumbing, new equipment installation, hydraulic piping, sanitary piping, food grade piping, utility piping, sheet metal and insulation work. We still have craft in the plant working misc. projects.
HVAC	Service Contract	St. Bernard Soap Company	NA	6,000	Multi-year contract for preventative maintenance of 275+ equipment items for comfort and process heating, cooling, and ventilation. Full time on-site service technician support. 24-7-365 off hours support as needed.
FOOD & BEVERAGE	Slicing Line Replacement	Sara Lee	Hixson	4,000	Replaced process piping/plumbing for 2 meat slicing/packaging lines in "Clean Room". Work included food grade piping, process plumbing, vacuum systems, cleaning/sanitizing systems, nitrogen, and utilities.
CHEMICAL	Soft Vitrification Pilot System	FERMCO	IT Technology	2,684	Fabrication of modular, skid mounted soil decontamination system. Project included construction of structural steel skids and mounting of pipe, tanks, instruments on skids for final assembly at Fernald, Ohio project site. Power wiring and associated piping was installed on skids prior to shipping. Process Construction acted as prime contractor and handled electrical and insulation subcontracts.
FOOD & BEVERAGE	Steam Line Upgrade	Procter & Gamble	Jedson	6100	Install approx. 1400 feet of 450lb steam line, related trap stations, supports, expansion loops and insulation. Project was elevated and crossed several roads and operating processes.
FOOD & BEVERAGE	Tank Farm	Joseph E. Seagram & Sons	Joseph E. Seagram & Sons	7,800	Fabrication and installation of automated tank room, tank farm and interplant transfer piping. Piping was light wall stainless requiring a high grade of cleanliness. Set associated equipment, completed instrumentation and pneumatic control system.
HVAC	Temporary Chiller	Mercy Anderson Hospital	NA	N/A	Installed, started, and operated 150 ton temporary chiller for 3 months for hospital facility. Temporary chiller on-line within 24 hours of permanent chiller's failure.
PAPER	Toilet Goods Expansion	Procter & Gamble	Procter & Gamble	21,837	Installation of piping system involving stainless steel and other alloys.

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HVAC	UC Tents	University of Cincinnati	Glaser Assoc.	4,000	Installation of utility & HVAC systems on temporary structures. The project is designed for ten years of usage. This project is unique in that the design for the structures is a tent.
PETROLEUM	Valvoline Blend Facility	Valvoline	FMC	20,000	Installation of 3 tank farms, and associated pumps, hot oil systems, blend systems, pigable, and process piping, and instrumentation
POWER	Warrick Power Environmental Project	ALCOA	Fluor Constructors	53,752	Handled Multiple Crafts on the installation of piping, instrumentation, lubrication, heavy equipment, commissioning and start-up and start up of Scrubbers for 3-650 Megawatt units for the ALCOA Aluminum Plant. Craft Managed included Pipefitters, Millwrights, Operators, Laborers, and Teamsters.
CHEMICAL	Water Treatment Plant	Hilton-Davis	Dames & Moore	19,850	Project involved installation of waste water treatment facility including the installation of associated piping, pumps and instrumentation.
POWER	Water Treatment Plant	Cinergy Corporation	Adena Utilities	12,000	Installation of RO System, Water Softeners, Deaerators, Chemical Treatment, and HVAC for Procter and Gambles Ivorydale Powerhouse. Responsible for Steel, Civil, Plumbing, Piping and Insulation.
POWER	Water Treatment Plant	PSEG (now AEP) Power	US Filter	19,000	Install Water Treatment Plant for 1200 MW combined cycle power plant. Project included fabrication and installation of Filtrate, Clearwell, Effluent, Sulfuric Acid modules and related piping. Also installed Lime Slurry system, RO System, Filter Presses, and related equipment. Installed thickener and clearwell internals, softer systems and related tanks and piping.
PAPER	Wet-End Installation	Fort Orange Paper Co.	Multi-Pli	3,377	Installation of vat, screen, pump, vacuum and instrumentation piping and tubing. Project was completed during a 10 day shutdown of the machine. This was a turnkey installation with Process Construction handling all piping systems.