CEI PROJECTS
Raw material addition cart for “Energetics” production. Pictured during early construction.
Feed tanks for production of key material for a medical device maker.

Reactor system with pumps and flow controls.
High temperature Batch Calciner designed and operated by CEI.

- 850 Deg. C
- 1 Millitorr

Portable Helium leak checking system; a combination vacuum pump and compressor set.
Filtration test system designed, built, and operated at CEI. Features a 500 gallon flow loop with operation up to 1100 Deg. F and 25 psig.
Complete pilot plant designed, built, and operated by CEI that incorporates the heating system at left.

Hot oil heating system
1000 BPD Bitumen feed metering and collection system for a proprietary reactor. Designed and built by CEI. Pictured during final days of construction.
PTFE Etch System

High temperature reactor – one cubic meter capacity.
Modifications to overhead components of existing reactor.

Portable superheated steam system.
Portable tubing etch cart ready for customer delivery. 3-D model for installation space planning.
3-D model use to fit all system components into a small space during design phase.
Example P&ID from a reactor project.
3-D plant layout. Equipment, piping, and other features on separate layers to visualize the final result.
On-site custom reactor delivery and installation.

High temperature R&D reactor.
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