

## Geofortis Pozzolan Plant

Lee Mechanical Contractors was awarded the contract to erect and install an innovative, modular processing facility for Geofortis Utah. This facility utilizes the first ever Cemengal “Plug N Grind” system in North America to receive, dry, mill, store, and loadout a natural pozzolan mineral to be used in the concrete industry. Lee Mechanical was responsible for the structural, mechanical, and electrical portion of the project.

### Scope of Work Included

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| <ul style="list-style-type: none"><li>○ Install truck unload station, unload conveyor, and dust collector.</li><li>○ Install stacker conveyor, truss sections, structural supports from ceiling of storage building, walkways, chutes, plows, and building dust collector.</li><li>○ Install reclaimer, dryer feed conveyor, walkways, and chutes.</li><li>○ Install dryer assembly and baghouse.</li><li>○ Install mill feed conveyor, walkways, and chutes.</li><li>○ Install (3) live bottom blowers and connecting piping.</li><li>○ Install (2) airslides, blowers, and connecting piping.</li></ul> | <ul style="list-style-type: none"><li>○ Install Cemengal Plug &amp; Play modular plant system, including:<ul style="list-style-type: none"><li>● Mill, liners, media, and mill drive system.</li><li>● Baghouse, patch insulation, and material transport.</li><li>● Bucket elevator, separator, and material recirculation.</li><li>● Interconnecting ductwork, chutes, piping, and electrical connections.</li></ul></li><li>○ Install (3) Flow control gates, slide gates, and connecting chutes.</li><li>○ Supply and Install piping for compressed air, water, and natural gas.</li><li>○ Provide and install electrical items.</li></ul> |
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#### **Type of Construction:**

Industrial – New Construction

#### **Size of Project:**

7-acre lot in the Petersen Industrial Depot of Tooele

#### **Contract Type and Value:**

Lump Sum / \$5,759,034

#### **Duration of Project Construction:**

10 months

#### **Self-Performed Work Completed:**

Lee Mechanical self-performed Mechanical and Structural work

#### **Merit Shop Participation:**

Coates Electrical and Instrumentation Inc. - ABC Member  
Responsible for all Electrical Work