



METAL FABRICATION®



A National Leader in
Custom Industrial Metal Fabrication



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After nearly half a century of exceeding customer expectations with high-quality custom fabricated components for the power generation industry, Ci Metal Fabrication was contracted to fabricate a series of six pyrite hoppers with dissimilar metal construction. These are complicated fabrications that require precise workmanship from experienced operators. At the completion of the project, Ci Metal Fabrication had provided precisely fabricated components that met the customer's exact specifications.

Dissimilar metal construction in a pyrite hopper means that the upper section, after being sandblasted and painted, is welded to the lower cone section with stainless steel. These complex and difficult fabrications take skilled press brake operators and fitters to match the radius on the cones to the main body cylinder, as well as install the internal grating, functional access door, check valve and other required piping.

If each of these components is not precisely fabricated, the pyrite hoppers would not be able to serve their critical function of catching rejects from the pulverizing mill in a process that prevents the possibility of a damaging water backup. Ci Metal Fabrication took every possible step to ensure the fabrication of quality components that will hold up over time while serving their purpose and preventing any damage to the power plant.

This is one of many pyrite hopper projects that have been fabricated at Ci Metal Fabrication, proving that the company is able to deliver high-quality components that consistently exceed customer expectations.

