

## Largest US Gold Producer Repairs Heat Exchanger With CeramAlloy

The largest gold producer in the United States – located in Nevada – contacted their local ENECON Distributor, S & G Electric Motor Repair, with a tough repair problem.

The mine's engineers were experiencing an extremely high amount of erosion to the lead tube sheet

of their gas cooler in the refractory ore treatment plant. The flushing solution in the cooler – used to keep the tubes clean – has a very erosive effect on the lead tube sheet surface. This solution contains suspended solids and elemental mercury. The ENECON Team from S & G evaluated

the situation and recommended a standard high-build CeramAlloy cladding system to rebuild and protect the 9-foot diameter, lead tube sheet and the steel water box.

This \$65,000 project was completed in just a few days.



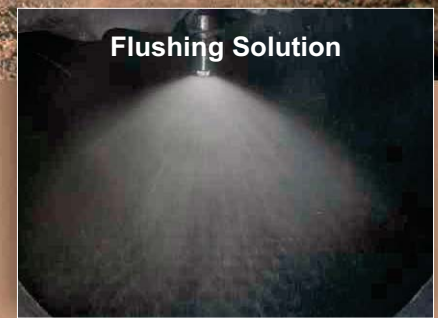
**Water box repaired & coated**



**Tube sheet repaired & protected**



**Damaged tube sheet**



**Flushing Solution**



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