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## PROJECT PROFILE

**PROJECT:** Separator Rebuild

**LOCATION:** United Kingdom

### THE PROBLEM

This photograph shows part of the coal separation unit in a coal preparation plant.

After continual use over an extended period of time, this piece of equipment had eroded and corroded badly due to the high levels of abrasion it was subjected to.

The plant engineers were left with the option of a costly replacement or refurbishment of the separator.



### THE SOLUTION



All dirt and contamination was removed from the surface which was then blasted to provide a good profile.

The badly pitted areas were then rebuilt with the Ceramic Carbide Wearing Compound and then two coats of our Abrasion Resistant Ceramic Carbide Fluid were applied to the entire surface.

This has proved an ideal system for rebuilding this piece of equipment, which is now operating perfectly again at a fraction of the cost that replacement would have incurred.