

PUMPCOAT

THE RIGHT SOLUTION TO YOUR PUMP AND COATING PROBLEMS



CASE HISTORY 029 - ABRASION RESISTANT THERMOWELL

1) **Problem:**

Coal burning Power Plant in Massachusetts going through a lot of thermowells due to abrasive nature of application.

2) **Circumstances prior to failure:**

Customer having to switch out Thermowells in their ash system every 3 months as the metal would wear out on the lower end.

3) **Pumpcoat Solution**

Pumpcoat engineered a thermowell that was angled instead of round to reduce direct impact from ash flow. It was milled at an affiliate machine shop, and then spray coated with specialty coating to resist wear of 1350 degrees F ash. This newly designed thermowell has an estimated life of 9 months—1.5 years, resulting in a significant cost savings to the customer.

OUR MISSION IS TO PROVIDE HIGHLY TECHNICAL AND
RELIABLE SERVICE THROUGH OUR ESTABLISHED NETWORK
OF AFFILIATED VENDORS AND STRATEGIC PARTNERS.

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