



Case History

Precision Products Division Authorized A.W. Chesterton ARC Applicator
1-800-SOS-PUMP (800-767-7867)

EKATO Mixer Blades in FGD Service

Equipment Description:

100 MM Ekato Mixer Blades in FGD Service

Customer Reference:

IPL Petersburg Station

Problem:

Power plant FGD system was experiencing destructive wear in the FGD Slurry tanks. After only one year of service the Wingjet Blades were no longer operational requiring new blades from EKATO.

Pictures Before:



Solution:

Utilizing Pioneer Precision Products proprietary repair techniques, the blades were returned to their original EKATO factory specifications and protected with ARC High performance ceramic coatings.

During:



Results:

After one full year of service the mixer blades show no appreciable wear. The initial cost savings in the first year is over \$20,000.00 per agitator. With wear projections expected to improve mixer life more than 5 times the original EKATO design, the minimum total savings will exceed \$100,000.00 per mixer. This cost savings does not include manpower to replace.

After:



03/27/2012



REF 110503