

FAN BLADE EDGES REBUILT WITH BELZONA

ID: 328



PROBLEM

Erosion of both the leading and trailing edges of cooling tower fan blades, caused inefficient tower operation and raised concerns about blade replacement in the near future.

APPLICATION SITUATION

Cooling tower fan blade edges.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet FBC-1.

BELZONA FACTS

This huge cooling tower has ten individual cells. Each cell contains eight cooling tower blades, and all ten cells were refurbished with the aforementioned Belzona Know-How technique.

INDUSTRY

Power

LOCATION

Power plant in Mississippi, USA

APPLICATION DATE

February 2002

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Fiberglass

PHOTOS

1. View of the huge cooling tower
2. Close-up of the fan blade damage
3. Application with small roller
4. Finished application

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