

BELZONA RESTORES THE PROPER SURFACE PROFILE TO A PRESS ROLL

ID: 318

Industry: Pulp & Paper
Application: SHM-Solids Handling Machinery

Customer Location: Paper Mill in Minnesota, USA
Application Date: 1999

Substrate: Rubber lined steel
Products: * Belzona® 1111 (Super Metal) ,

Problem

Belzona® 1111 (Super Metal) was used to repair the damaged surface of the press roll after a metal bolt had gone through the machine. The roll was then unable to remove water from the paper. This produced poor quality paper and resulted in breaks.



Photograph Descriptions

- * Applying Belzona® 1111 (Super Metal) to damaged press roll ,
- * Removing excess Belzona from repair area ,
- * Machining repair to tolerances ,
- * Final rectification to maintain proper surface finish. ,

Application Situation

Press roll surface profile.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-9.

Belzona Facts

After an initial cure of 2-hours, the material was machined and subsequently rectified to obtain the appropriate surface finish. Belzona® 1111 (Super metal) P&J hardness of between eight and nine closely matched the existing rubber hardness of the roll.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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9000 Registered Quality
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