

BELZONA HELPS REBUILD TOLERANCE LOSS DUE TO MILL SCALE

ID: 10032



PROBLEM

Newly fabricated cylinder experiencing reduction in diameter due to mill scale formation on some parts of the surface.

APPLICATION SITUATION

Newly fabricated cylinder experiencing reduction in diameter due to mill scale formation on some parts of the surface. Belzona was used to build the surface and machined to the required tolerance.

APPLICATION METHOD

Surface preparation was carried out to the level of cleanliness of SSPC SP11. Then thorough solvent cleaning was done before the application of Belzona 1121 was carried out. Surface was then machined to the required diameter afterwards.

BELZONA FACTS

Belzona is only feasible time saving option, with flexibility to corrections.

INDUSTRY

Other

LOCATION

CAMBRIDGE, ON.

APPLICATION DATE

October 2025

PRODUCTS

Belzona 1121 (Super XL-Metal)

SUBSTRATE

Carbon steel

PHOTOS

1. Cylinder with millscale
2. During surface preparation
3. After rebuilding with Belzona 1121
4. After machining

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

