Know-How in Action

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RUBBER LINED IONIZATION CHAMBER REPAIRED

CUSTOMER
Pharmaceutical Manufacturer in Hungary

APPLICATION DATE
Mar-20

APPLICATION SITUATION
Pharmaceutical manufacturers are using aggressive chemicals as raw material. A part of the process is to handle liquids in ionization chambers. Rubber is commonly used as a chemical resistant lining and its flexibility is also good to resist dilatation caused by the rapid temperature changes. Rubber linings can be easily repaired using Belzona Elastomers without the need of special tools or heat input.

PROBLEM
Damage of the original rubber lining of an ionization tower.

PRODUCTS
Belzona 2111 (D&A High-Build Elastomer)
Belzona 2121 (D&A High-Coat Elastomer)
Belzona 2921 (Elastomer GP Conditioner)

SUBSTRATE
Steel and Rubber

APPLICATION METHOD
Damaged rubber lining has been removed and MBX was used to abrade the surface. Loosen rubber parts were cut off, Belzona 2111 was used to replace missing parts and Belzona 2121 was used to provide a long term and chemical resistant solution.

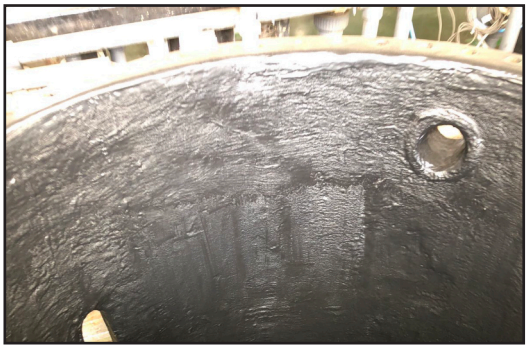
BELZONA FACTS
To reline the rubber would be a huge cost as the vessel has to be remove from the sterile area. Belzona products were applied without the need of dusty blasting.

PICTURES
1. Damaged rubber lining
2. Removing of damaged lining and surface preparation
3. Second layer of Belzona 2121 being applied
4. Finished application

1.

2.

3.

4.


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