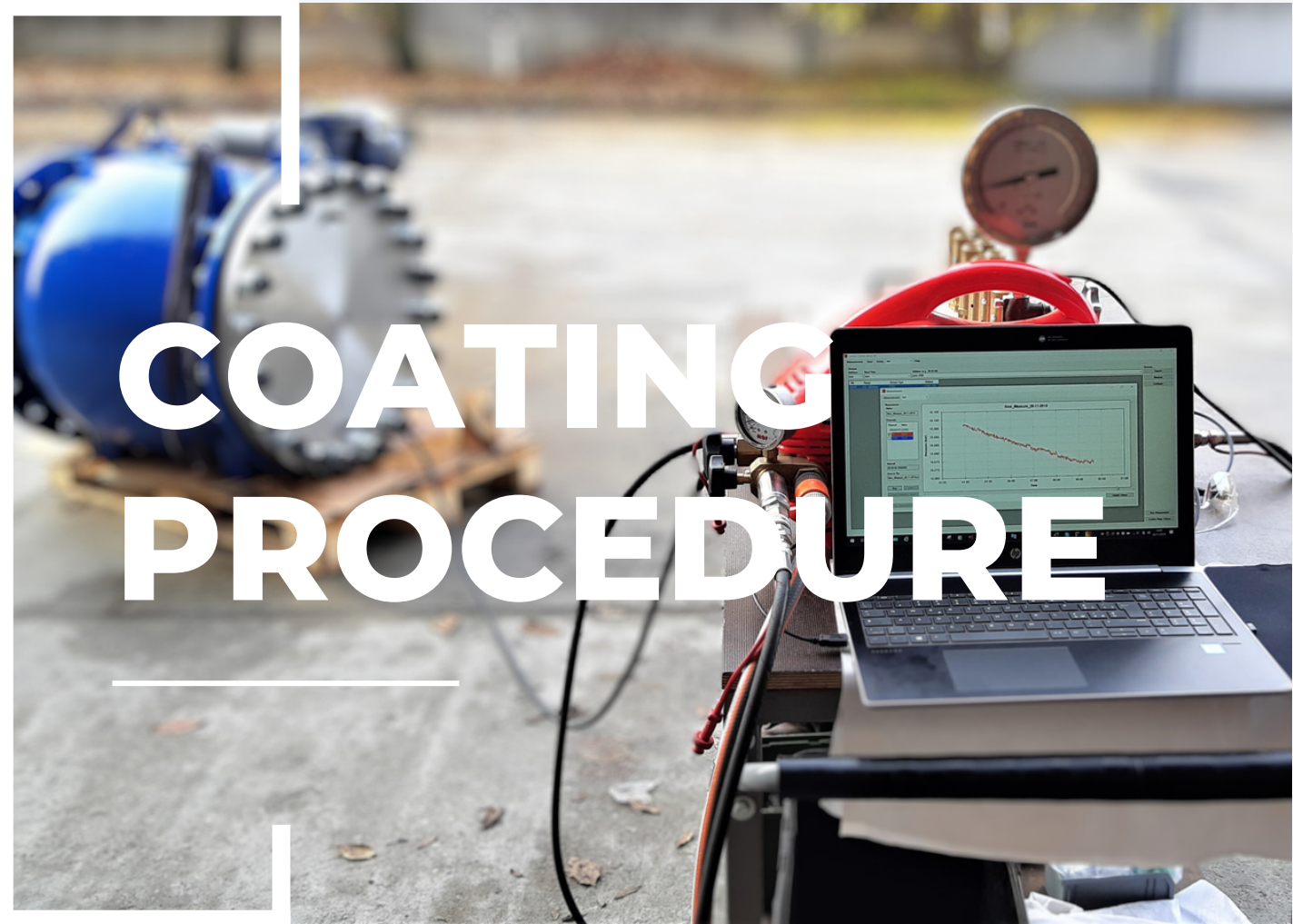




valveIT[®]

Via Caduti di Reggio Emilia 27, 40033
Casalecchio di Reno (BO)
www.valveit.com
info@valveit.com



PRO AT FLUID CONTROL





valveIT[®]

Via Caduti di Reggio Emilia 27, 40033
Casalecchio di Reno (BO)
www.valveit.com
info@valveit.com

Blast Cleaning

All cast components are blast cleaned according to ISO 12944-4. The components are cleaned in a shot-blasting plant. The cleaned parts are held with fibre-free gloves and are transported to the oven without delays. When viewed, the surface shall be visibly free from oil, grease, dirt, mill scale, rust, paint and foreign objects. Any remaining traces of contamination shall show only as slight stains in the form of spots or stripes. The surface shall have a uniform metallic colour, visually. The process ensures an optimum bonding of the coating, which is essential for corrosion resistance.

Epoxy Coating

The valve bodies and bonnets and other applicable components are epoxy coated. The high quality epoxy coating is applied manually (spray) or using a fluidized bed epoxy coating system. After the valve components have been blast cleaned, the clean and preheated components are submerged or sprayed with epoxy powder / epoxy coating. The powder melts when in contact with the preheated components and cures when the components enter the cooling area shortly after the coating process.

Coating thickness

The coating must be completely free of penetrating pores to avoid subsequent corrosion of the casting underneath. and the coating layer thickness shall be no less than 100 / 150 µm as standard.

