

## Vacuum blasting of steel cylinder rods in a thermal spraying process

Date : Since 1989 till present.

Project : With the use of the LTC Vacuum blasting machines, steel cylinder rods (diameter  $\varnothing 100$  mm. till  $\varnothing 700$  mm/ length of 1 m. till 30 m.) are dust free blasted on a thermal spraying installation. The blasting is done to achieve the required anchor profile. The LTC 1060 and LTC 1070 machines are integrated and part of the thermal spraying installation and work fully automatic

Locatie : Boxtel, The Netherlands.

Installation CCH: HVOF Spray installation: 2 off LTC 1060B-EP vacuum blasting machines (in operation since 1998)

Used abrasive : Aluminium-oxide (brown fused electro korund) F24 / 0.5-1.0 mm  
Blasting pressure: 4,5 -5 bar

Installation CCC: Ceramic Spay installation: 1x LTC 1070-EP vacuum blasting machines (in operation since 2003 and replacement of two units LTC 1060B-EP operational from 1989-2003)

Used abrasive : Stainless steel abrasive No. 30  
Blasting pressure: 7-8 bar

