
Results of spark and magnetic field tests

torbo® blasting in comparison with dry blasting systems.

This report is made by: Stuvex Belgium (International bureau for explosion safety and risk control) for Paktank oilcontainers in Rotterdam, Holland.

The test results are as follows:

dry blasting:

voltage at the blasted surface object - 500 volts
voltage of static electricity at the nozzle - 5.000 to 10.000 volts

torbo blasting:

voltage at the blasted surface - 2-3 volts
voltage at the nozzle - 0 volts

Conclusion:

torbo blasting is much safer in explosive environments and accepted at oil, gas and chemical plants such as:

- AKZO Nobel
- BP
- D.S.M.
- Dow Chemical
- Paktank
- SANDOZ, Schweiz
- SHELL Holland
- TEXACO

References – Concrete - and steel-redevelopment

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| ▶ Airport Düsseldorf, Fire-redevelopment (approx. 100.000m ²) * ¹ | Düsseldorf, Germany |
| ▶ Garbage-incinerator, Concrete-redevelopment 80 m high) * ¹ | Hagen, Germany |
| ▶ Antenna-bearers (240 m high) – Steel - and concrete-redevelopment | Sender Koblenz, Waldesch, Germany |
| ▶ Antenna (8 Piece up to 160 m high), Steel - and concrete-redevelopment | Sender Stimme Amerikas Ismaing, Germany |
| ▶ Antenna (240 m high), Steel - and concrete-redevelopment | Thurnau, Germany |
| ▶ Pool-redevelopment – Chloric-rubber paint-removal * ¹ | Mühlhausen, Germany |
| ▶ Iron - and foundry work - brick-stonework-redevelopment | Thale, Germany |
| ▶ Cesspool, concrete-redevelopment * ¹ | Münchehofe, Germany |
| ▶ Concrete- removal of laytence from premanufactured plate | Friedrichshafen, Germany |
| ▶ Church, Paint removal (Indoor) | Idenheim, Germany |
| ▶ „Böhmer Cloister“, Paint removal | Trier, Germany |
| ▶ Church, Redevelopment and Paint removal | Languich, Germany |
| ▶ Church, Redevelopment and Paint removal | Riesweiler, Germany |
| ▶ Church, Redevelopment and Paint removal | Müllenbach, Germany |
| ▶ Barracks, Redevelopment and Paint removal | Daun, Germany |
| ▶ Tank-store „Minden“, Steel-redevelopment * ¹ | Minden, Germany |
| ▶ Fregatte, Steel-redevelopment - Preparation for new paints * ¹ | Blohm & Voss, Germany |
| ▶ Gas station-canopies, Paint removal of aluminum | AGIP, Berlin, Germany |
| ▶ Highway-bridge, Concrete-redevelopment – Paint removal * ¹ | Utrecht, Netherlands |
| ▶ Water-tower „Helsingborg“,concrete-redevelopment * ¹ | Helsingborg, Sweden |
| ▶ Tank-store, Steel-redevelopment * ¹ | BP-Texaco, Netherlands |
| ▶ Container-ship, Steel-redevelopment * ¹ | Poland |
| ▶ „Sandoz Chemie“, Warehouse -after fire-redevelopment | Basel, Switzerland |
| ▶ Steel-bridges „GTZ“, Steel-redevelopment - Betume removal | Colombo, Sri Lanka |
| ▶ Oil rigs, Steel-redevelopment | Denmark |
| ▶ Converters „of Petrobras“, Steel-redevelopment | Brasil |
| ▶ Atomic submarine „USS Michigan“,Steel-redevelopment * ¹ | Navy Seattle, USA |
| ▶ Electricity-masts, Redevelopment w/o damaging the galvanization * ¹ | Netherlands |

*¹ Picture-side available