

# Surface Treatment of LPG Cylinders

*Kosan Crisplant's vast product line of equipment for surface treatment of LPG cylinders is a means to obtain high cylinder quality and long cylinder lifetime. Surface treatment, including cleaning and painting, is an important and natural part of the regular standard inspection procedure.*

- Nice-looking cylinders have high market value
- End-users prefer newly painted cylinders
- Surface treatment extends cylinder lifetime
- Distributors and end-users treat newly painted cylinders with care

### Your benefits

- A smooth unbroken cylinder surface can be cleaned easily
- Surface treatment protects against corrosion
- Kosan Crisplant only uses internationally recognized sub-suppliers
- Use manpower for cylinder maintenance in quiet periods
- Reduction in procurement of new cylinders



*Manually operated powder paint gun*



*Spray booth for manual application of wet paint*



*Spray booth for automatic application and recovery of powder paint*



*Tunnel oven for drying after pre-treatment, curing/drying wet paint or curing powder paint*



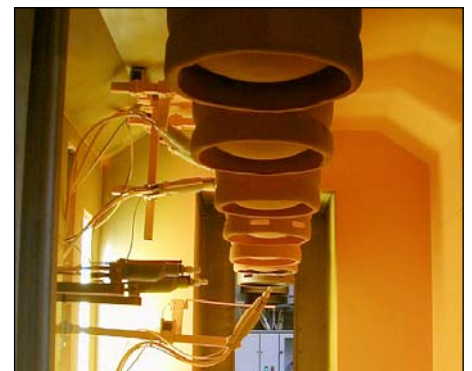
*Dry-filter booth for wet painting*



*Automatic transfer of cylinders from chain conveyor system to overhead conveyor system*



*Overhead conveyor system*



*Fully automatic powder painting equipment*

**Your possibilities**

There are three main methods for surface treatment of LPG cylinders:

**1 Make-up wet painting in filling hall (hazardous area)**

- In-line in chain conveyor
- Drying of cylinders on chain conveyor
- Operation can be manual or fully automatic

**2 Wet painting in non-hazardous area**

- Cylinders suspended in overhead conveyor
- Can be used in combination with shotblaster and drying oven
- Operation can be manual, semi-automatic or fully automatic

**3 Powder painting in non-hazardous area**

- Cylinders suspended in overhead conveyor
- Must be used in combination with shotblaster and drying oven
- Operation can be manual, semi-automatic or fully automatic

When using the above methods, the following equipment can be applied:

- Stand-alone cabins for shotblasting
- In-line shotblasting with automatic loading onto or unloading from chain conveyor
- Ovens for burning off old painting before shotblasting for obtaining the best possible starting point for new surface treatment
- Manual spray booths

- In-line wet painting booths
- Fully automatic powder painting plants with overhead conveyor system and loading onto or unloading from chain conveyor

**Your safety**

- All equipment for surface treatment of LPG cylinders is EU approved and designed in accordance with current EU directives
- National/local approvals



*Shotblasting equipment with automatic loading and unloading of cylinders*

