

# MARKING OF LPG CYLINDERS

*Kosan Crisplant's extensive programme of select equipment for marking of LPG cylinders offers all sorts of marking jobs including statutory safety instructions, commercial logos, guidelines for end-users and other promotion features. In addition, there is a series of options for individual marking of cylinders with data to be used in the filling and control processes (tare marking, process date etc.).*



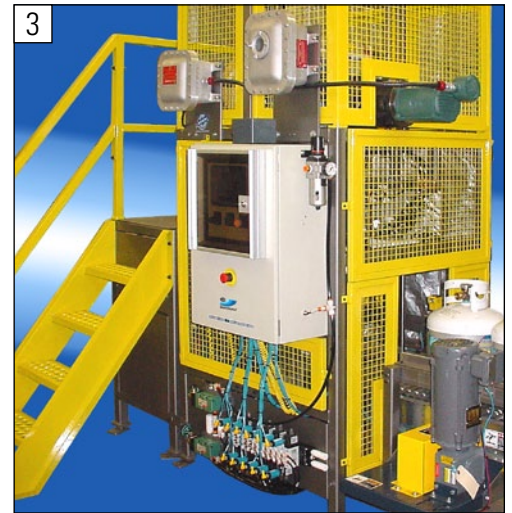
Example of ink-jet printed cylinder data as clear text



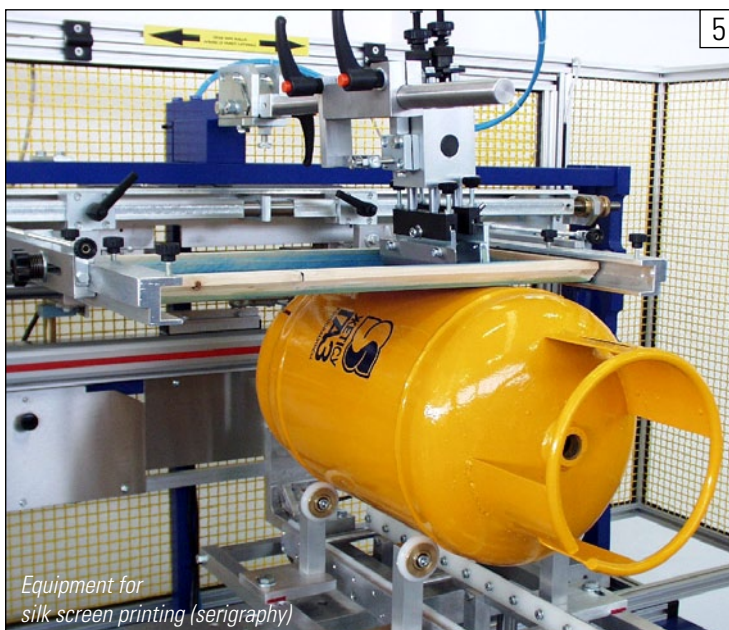
Example of ink-jet printed bar code



- Mark your cylinders with codes for automatic reading and automate the filling and control processes
- Observe statutory demands for marking of cylinders
- Use your cylinders for promotion displays
- Strong company profiling
- Safety instructions and general guidelines on your cylinders for end-users increase safety



Full-bodied cylinder sleeve application equipment



Equipment for silk screen printing (serigraphy)

## Your benefits

- Equipment can be installed in existing plants
- Image building as regards quality and safety
- Clear marking of inspection date increases safety
- Clear tare marking reduces operational stops and ensures correct filling
- Automatic reading of process data (bar codes or electronic data carrier) increases capacity and reduces the number of human errors



Example of cylinder spray painted through screen



Example of stickers on cylinders



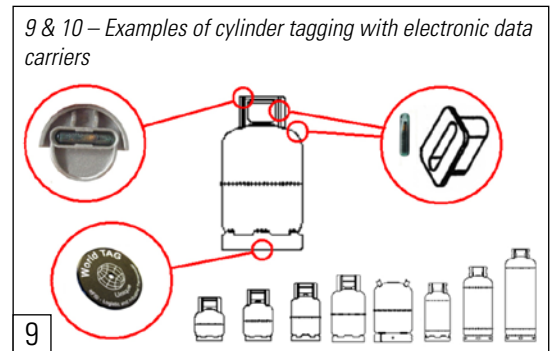
Example of plastic disc around cylinder valve

### Your possibilities

- Silk screen printing (serigraphy) or pad printing
- Brush or spray painting through screen
- Application of label or sticker
- Ink-jet printing of bar codes and/or clear text
- Application of plastic or cardboard disc around the cylinder valve
- Electronic data carrier in the shape of a chip
- Engraving or stamping of cylinder data directly into foot ring, shroud or valve bung
- Plastic sleeve around the cylinder body
- Bar codes and electronic data carriers can contain either individual data or a unique serial number that refers to a central database



Example of cylinder data engraved directly into cylinder handle



9 & 10 – Examples of cylinder tagging with electronic data carriers



### Your safety

- All equipment for marking of LPG cylinders are EU approved and designed in accordance with current EU directives, incl. the ATEX Directive (94/9/EC)
- National/local approvals