



## Health & Safety solution

Heat

Construction

Maintenance

Control

Emission

Spills

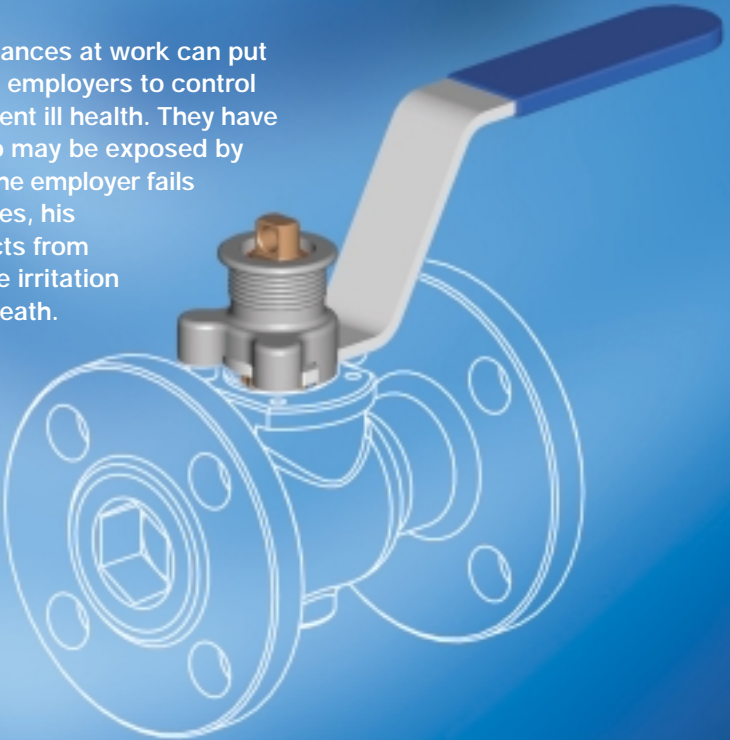
# Locking Device for Safe Control

### Scope

Using chemicals or other hazardous substances at work can put people's health at risk, so the law requires employers to control exposure to hazardous substances to prevent ill health. They have to protect both employees and others who may be exposed by complying with appropriate regulations. If the employer fails to adequately control hazardous substances, his employees or others may become ill. Effects from hazardous substances range from mild eye irritation to chronic lung disease or, on occasions, death.

### Problem Description

Valves on site can be unintentionally opened or accidentally tripped by employees or unauthorized people. New installations, shut down periods, isolation of pipe lines, maintenance work and many other instances require means for controlling the valve position. In all these applications it is critical to have control of the valves by means of locking devices.



### Solution offered

The unique Habonim locking device (LD) ensures that the valve will only be operated by an authorised employee. It enables the user full Control on the valve position in applications where there is a safety issue and used in place of spades, reducing time and cost.



### Advantages

**The LD has a combination of Anti-Tamper features that ensure the valve will not be over-riden or accidentally operated:**

- ▶ The LD is spring-loaded so even when it is not used with a pad-lock, the valve will still be secured in its position.
- ▶ When the LD is locked with a padlock, the valve cannot be operated.
- ▶ To prevent tampering, the stem nut and stop pin cannot be removed once the LD is fitted to the valve.
- ▶ Special tool is required to dismantle the unit from the valve.
- ▶ Special styles of locking units for more than one padlock can be fitted to the LD.

**Other features are:**

- ▶ The valve can be locked in the open or closed position.
- ▶ The material is stainless steel for high corrosion resistance.
- ▶ The LD is small and compact in size for installations in tight spaces.
- ▶ The LD can easily be retrofitted to existing valves without affecting the integrity of the valve or process line.
- ▶ The LD reduces labor and expenses by eliminating the splitting of flanges or spillages will occur from retrofitting existing valves.



### Outcome

As a major Ball Valve and Pneumatic Actuator supplier to many industries, Habonim has set out its policy for the prevention of major-accident by designing a line of specialized products that guarantee its customers a high level of protection for man and his environment.

The LD is used extensively in many industrial applications, adding safety to all employees and the surrounding neighborhood.

Habonim contributes to the Health & Safety of its customers and to the prevention of accidents happening.

