

NETHERLOCKS

safety systems



- Process Interlocking
- ▶ Valve Control
- Lockout/Tagout
- ⬡ Position Indication

Reliability matters

ABOUT NETHERLOCKS

OUR MISSION

To provide reliable products to create a safe working environment throughout the world. We strive to do this by offering good advice, excellent service, high quality products and creative solutions.

NETHERLOCKS

Netherlocks is a supplier of safety products in the Oil & Gas business. Our products are utilised by most of the main end users in the Oil & Gas industry and contribute to a safer working environment.

We are a market leader in mechanical interlocks and we manufacture several other unique products like a partial stroking test system, Valve Position Indicators and a portable power tool for manual valves.

Our greatest strength is in providing simple and reliable custom-made solutions.

The people at Netherlocks are specialists who are flexible, innovative and creative, and always look for the best solution.

WE LIKE TO BE CHALLENGED





ADVICE

Our specialists will review your request and provide a solution tailored to meet your needs



SERVICE

We provide services throughout the world in measuring, mounting, supervising, commissioning and training.



INNOVATION

We use innovative solutions, and thanks to continuous interaction with the market our engineers are up to date on the newest product requirements and latest production methods.



QUALITY

We are renowned for high quality, maintenance-free products which perform under severe circumstances.



RELIABILITY

We provide reliable products and are a reliable partner. Within Netherlocks, "reliability matters".

ADCO	Jacobs	Qatar Petroleum
Aker	L&T	Reliance
BASF	KCO	Sabic
BG	KNPC	Samsung
BP	Linde	Saipem
CB&I	Mc Dermott	SBM
Chevron	Pemex	Shell
CNPC	Petrobras	Statoil
DSME	Petrofac	Technip
Exxon	Petronas	Total
Fluor	PDO	Vopak
GS engineering	PTT Thailand	Worley Parsons

REFERENCES

References for specific products, users or regions, please contact Netherlocks.



PROCESS INTERLOCKING

WE ELIMINATE HUMAN ERROR

Mechanical interlocks form the core of our business, and we have a wide variety of interlocking products available. When we design a safety system for a project, our products enforce and guarantee a pre-defined sequence of operation, and so eliminate human error.

Netherlocks works with renowned oil companies like Total, BP, ADCO, and Shell to create a safer working environment. Our products are simple but efficient and very reliable; mechanical key interlocks are used as a standard by these companies and have been for many years.

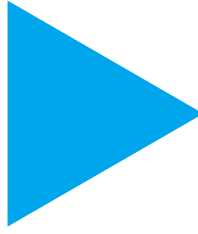
For all critical operations of manually operated valves mechanical key interlocking systems can be implemented.

An interlock guides the operator through the sequence with unique keys for each step. It is only when a mistake is made that the operator will not be allowed to proceed – a key will not fit or a valve will be locked in position.

Our linear key design is maintenance free and very reliable, and it remains functional under severe circumstances. We have a proven track record with projects in a variety of locations both on and off-shore e.g. Alaska, Russia, Middle East, North Sea etc...

Every safety procedure is unique, we will always provide a custom -made solution.





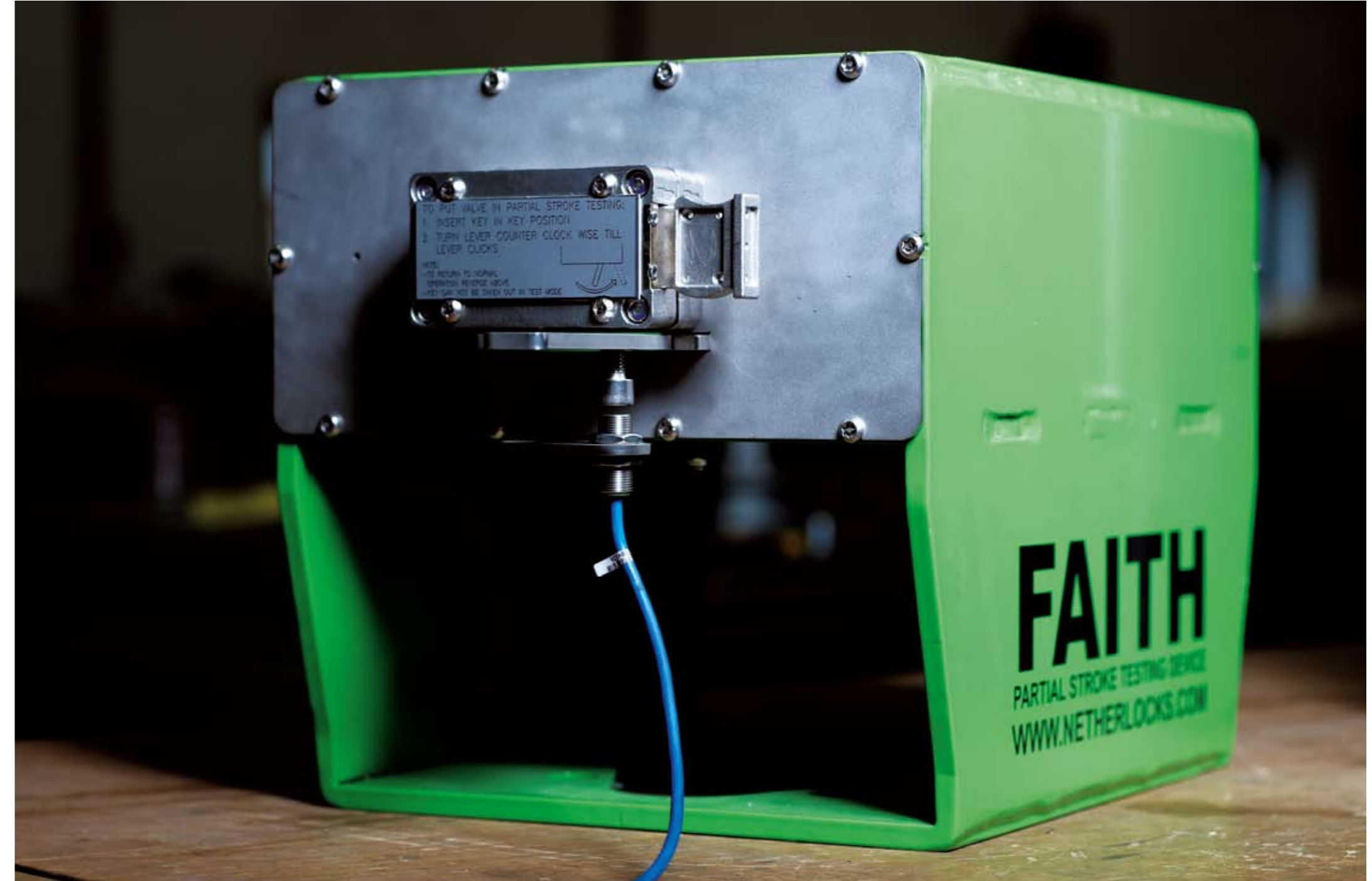
VALVE CONTROL, FAITH

PARTIAL STROKE TESTING

Netherlocks keeps developing new products to suit the requirements and demands in the market: our FAITH system is a good example of a simple and reliable solution to perform a partial stroke test. (FAITH: Fail Action Test Handling System)

The FAITH system is mounted between the valve and the actuator and is customised to fit; electronics can be added to create feedback to the control room and monitor the test. The FAITH is available for rotating as well as for linear actuators.

The danger in partial stroke testing is that the valve might overshoot the test angle. With our system we guarantee no overshoot, the valve is mechanically blocked. It enables safe testing in a live plant without production interruption.





VALVE CONTROL, POWER TOOL

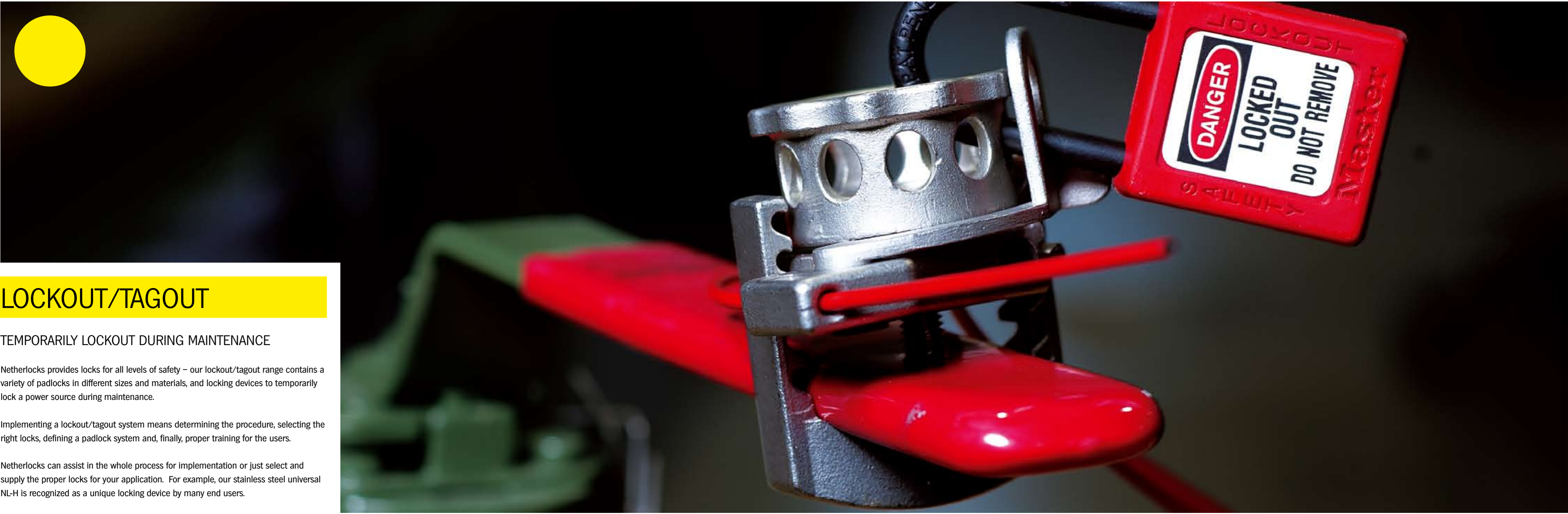
PORTABLE POWER TOOL

The Netherlocks power tool (KMS) is a pneumatic handheld actuator that can be used to operate hand wheel operated valves. The KMS removes the strain from the operator and saves a significant amount of time.

The tool is connected to the valve through a universal coupling that is easy to install with U-bolts. Multiple couplings can be used, and one tool can be used for multiple valves.

Just install the coupling with U-bolts, connect the tool to an air supply and operate the valve 40 times faster!





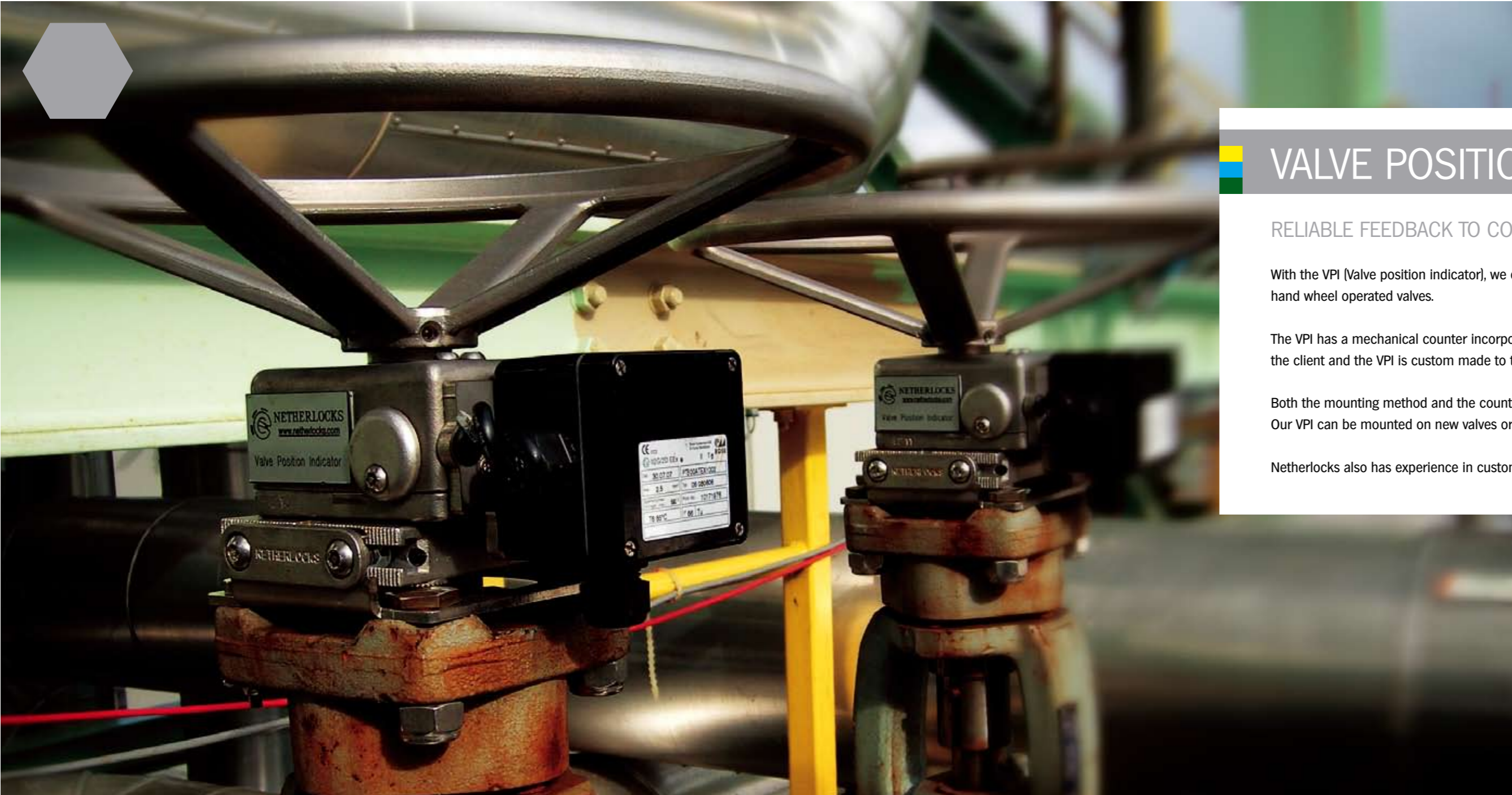
LOCKOUT/TAGOUT

TEMPORARILY LOCKOUT DURING MAINTENANCE

Netherlocks provides locks for all levels of safety – our lockout/tagout range contains a variety of padlocks in different sizes and materials, and locking devices to temporarily lock a power source during maintenance.

Implementing a lockout/tagout system means determining the procedure, selecting the right locks, defining a padlock system and, finally, proper training for the users.

Netherlocks can assist in the whole process for implementation or just select and supply the proper locks for your application. For example, our stainless steel universal NL-H is recognized as a unique locking device by many end users.



VALVE POSITIONING

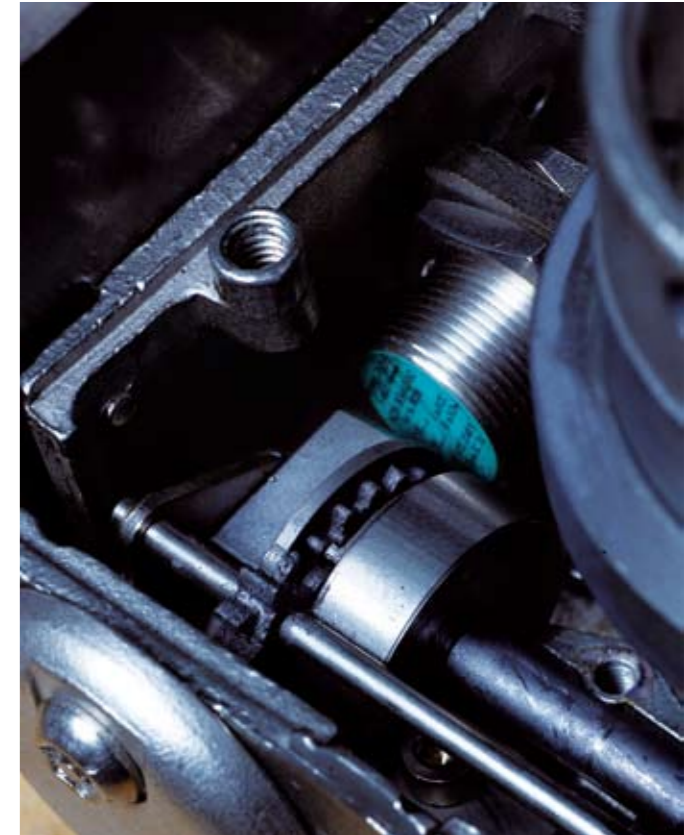
RELIABLE FEEDBACK TO CONTROL ROOM

With the VPI (Valve position indicator), we offer a unique solution for providing a reliable signal to the control room for the position of hand wheel operated valves.

The VPI has a mechanical counter incorporated to activate a switch in the open and / or closed position. The switch is specified by the client and the VPI is custom made to the required specifications.

Both the mounting method and the counter are proven designs, used successfully in our mechanical interlocks for over 15 years. Our VPI can be mounted on new valves or existing valves.

Netherlocks also has experience in custom made position indicators for special valves, actuators, gearboxes, etc...



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