

LOTOTO with Somas LDC/LDO

Safety first with LOTOTO - Easy with Somas LDC/LDO



LOTOTO for valves

LOTOTO, which stands for Lock-Out Tag-Out Try-Out, is a safety procedure used to ensure valves are properly shut off and locked before maintenance or repairs are performed. This is especially important to prevent the unintentional discharge of hazardous media.

How is LOTOTO used for valves?

The procedure involves several steps:

- Preparation: Identify valves that need to be isolated.
- Shut-off: Shut off the valve(s) that are being worked on.
- Isolation: Disconnect or block all sources of energy that might affect the valve.
- Locking and Marking: Install locks and warning tags on the valves to prevent restart or unintentional opening.
- Checking Stored Energy/Pressure in the System: : Check and release any stored energy/pressure still left in the system.
- Verification: Test and ensure the valve is completely shut off and cannot be opened.

Why is LOTOTO important?

LOTOTO is paramount to protect maintenance workers from hazardous media that can cause serious injury or even death. By following the LOTOTO procedures, you can prevent accidents that can occur when a valve is unexpectedly opened or pressure is released.



Who can perform LOTOTO on Somas valves?

Only trained and authorized personnel are allowed to perform LOTOTO procedures on valves. These individuals must have knowledge about the valves and how to properly isolate and lock them. Regular training and practice are important to ensure that everyone involved understands and follows the procedures correctly.

With Somas LDC/LDO, it's easy!

Somas actuators are designed to offer optimal performance in both control and On/Off applications. Type A actuators are primarily designed for use with Somas valves but can also be used on other valves with 90 degrees of movement.

To provide an extra layer of safety during maintenance or repairs, Somas offers a locking device for our actuators. These locking devices are made from AISI 316L and are ATEX-approved.

For locking an actuator in the closed position, there is the LDC variant. The LDC locking device is available for Somas actuators type DA and SC. It can be fitted on actuators that previously did not have a locking device installed.

For locking an actuator in the open position, there is the LDO variant. The LDO locking device is available for Somas actuators type DA and SO with double cylinders and can be fitted on actuators that previously did not have a locking device installed.



SUMMARY

- LOTOTO is a critical safety procedure that protects personnel from hazardous media during maintenance or repairs of valves. By following the procedure, you can ensure a safe working environment and prevent serious accidents.
- LDC - Locks an actuator in its closed position.
- LDO - Locks an actuator in its open position.
- Easy to install
- Easy to use

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