

Instruction: "Stomp-test" – Alternative way to inspect the OSL/ASL during Daily Inspection before Operation

No.: I-671

Impl.: Ver./date/sign.: 00 / 05.04.2016

Prep.: OJ Appr.: ROB



**Purpose:** This instruction is a substituting part of the Daily Lift Checking to be used by authorized Lift Operators and Lift Competent Personnel. The information describes a recommended and supplementary way of how to check the over speed triggering and arresting function in the Avanti Safety Fall Arrest Device model OSL and ASL. Second, the test also documents that the Safety Brake maintains its grip on the Safety Wire after engagement. This extra testing we name the "Stomp-test".

This stomp-test-method is replacing the given daily obligation in your manual explaining "to descend the lift, manually engage the FAD (Fall Arrest Device), verification by short no-power-descent, unloading the FAD again by ascending and observing centrifugal weigh unit through the window during lift use". With the "Stomp-test" we test the ability of the FAD to trigger in case of over speed and arrest the load. This procedure is applicable to all service lifts with ASL and OSL.

**Contents:**

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**Tools:** None

**Measurement**

**Equipment:** None

**Validity:** It is applicable for testing the installed Safety Fall Arrest Devices (OSL/ASL) on-site. The test must only be performed by trained Operators/Competent Personnel and always with respect of all the relevant safety regulations.

**Cautions:** Be aware that the instruction only explains the steps of how to execute the "Stomp test" in the lift installation; it doesn't guide any safety precautions and the necessary use of safety equipment. Therefore, Avanti strongly recommends you to read and understand what the physical work steps in the "Stomp-test" are, and then execute your own Risk and Hazard Assessment according to the valid safety working procedures in your own organisation before starting the test.

**1.0 Test Preparation:**

The cabin (with 1 person inside) is ascended with an Operator inside, and the cabin bottom is positioned ("parked") in a height of app. 3 m/10 ft. above the bottom landing floor platform.

**2.0 Test Step:**

With the cabin in "parked" position app. 3 m/10 ft. above the bottom landing floor, the Operator starts descending by electrical power using the push down button. When the cabin starts descending the Operator executes a **hard** stomp with one foot in the cabin floor – The hard stomp is executed by lifting one foot, so the lower leg is positioned with a knee angle of 90 degrees – Then immediately after the foot is stomped in the cabin floor - *The Operator must make sure to have a solid footing during the foot stomp!*

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The foot stomp should engage the OSL/ASL and arrest the electrical descent of the cabin, the red light (if existing in the control box) should turn "on" and the cabin load should be hanging on the FAD/Safety Wire. If the OSL/ASL doesn't arrest at the first trial, then re-establish the cabin in the position described in the preparation part mentioned above and execute the "Step" once again stomping a little harder.

### 3.0 Test Result:

If the OSL/ASL activates properly after the stomp, the OSL/ASL will now hold the cabin on the Safety Wire. In order to ensure important maintaining grip by the Safety Brake, the Operator then activates the manual descent function and result shall be a Safety Fall Arrester OSL/ASL holding the cabin fixed on the Safety Wire (manual descending is not possible).

- If the activated OSL/ASL fixes the cabin on the Safety Wire while manual descent is activated, the Safety Fall Arrester (OSL/ASL) is in good and operational condition.

*In order to release the activated OSL/ASL push the ascent button up a little before releasing the OSL/ASL by the unlocking handle.*

- **If the OSL/ASL can't activate** after first or second "Stomp-test", or can't fix the cabin in activated position – Operator **must** immediately bring the cabin down and park it at the bottom landing platform floor.

- Lock Out the installation from use and contact Avanti for further approach!

- Document the execution of the above described procedure in the log book.

Any doubts regarding above instruction, please do not hesitate to contact Avanti's local representative for help – [www.avanti-online.com](http://www.avanti-online.com)