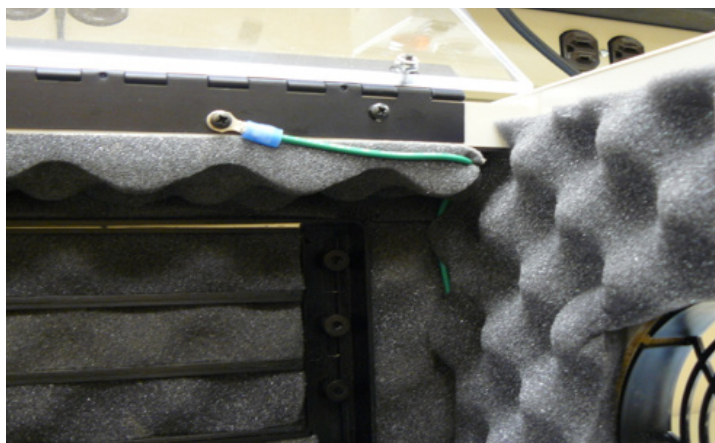


This instruction sheet covers the installation and use of the 39067 DUT Enclosure with Interlock. The Enclosure is meant to be used with any Associated Research instrument.

### 1 SET UP SAFE WORK AREA

Place the DUT Enclosure on the safety testing work surface. It is recommended that the enclosure be placed on a non-conductive surface.

The DUT Enclosure must be properly grounded for safe operation. A grounding wire is attached to the metal hinge of the DUT Enclosure as shown to the right:



### 2 COMPLETE GROUND WIRE

This ground wire is run through the 9 pin DB interlock connector. The ground wire terminates in a spade lug connection as shown to the right:

This ground wire must be connected to a proper grounding terminal. This ensures that any stray current flowing through the enclosure is safely dissipated to ground. Once grounded, plug the 9 pin DB interlock connector from the DUT Enclosure to the SIGNAL INPUT port on the back of the Associated Research safety testing instrument. This ensures connection of the interlock pins to the magnetic switch in the DUT Enclosure.

The DUT Enclosure is now ready for operation.



### 3 OPERATING INSTRUCTIONS

The DUT Enclosure is designed to act as a safety interlock switch. If the Plexiglass lid is lifted during a safety test, the interlock contacts open and the Associated Research instrument will immediately disable the output.

Close the lid of the DUT Enclosure to enable the instrument's output. The lid of the enclosure must remain closed in order for the safety test to complete.