

Appalachian Power Company Policy / Procedure No. 8:
Working from an Insulated Work Surface (Hot Board) using the Insulated Gloves Method

1) Statement of policy:

When working by the insulating gloves method from the pole on conductors or equipment that is energized at phase-to-ground voltages greater than **1,000** volts or phase-to-phase voltages greater than 8,000 volts, an insulating (or insulated) working surface shall be used. When working from the insulating work platform, care must be taken to isolate the worker from the pole by using an insulated fall protection device or rubber blanket to isolate the worker's belt from the pole. Workers working from an insulating work platform shall wear insulating rubber overshoes or boots.

2) Discussion:

The purpose of the insulating platform (hot or buck board) is to isolate the line mechanic from conductive objects at ground potential such as the pole, pole grounds, and other hardware. Special care should be exercised to be aware that contacting anything that is grounded will defeat the insulation of the hot board.

When working from a hot board, all wires and materials that are grounded or operating at a different voltage from the line or equipment being worked on shall be covered with appropriate cover up material.

3) Definitions:

4) Attachments:



Figure 1: Insulating Fall Restraint Attachment

5) OSHA / Safety Manual References

Safety Manual

E2.01 - When working on equipment and the minimum approach distance in Table 1.03 cannot be maintained, the following shall apply (except when working by the bare hand work):

Electrical Table 2.01

50 to 260 Volts	261 to 1000 Volts	1001 to 19900 Volts
Approved rubber gloves or insulated hand tools	Approved rubber gloves or approved rubber gloves with live-line tools	Approved rubber gloves and sleeves or approved rubber gloves with live-line tools
50 to 1000 Volts		Greater than 1001 Volts
Approved rubber sleeves are required if the upper arm and/or shoulder is exposed to potential contact		Approved insulated work surface shall be used in conjunction with the appropriate class gloves and sleeves while working on voltages greater than 1000 volts.
All Voltages Phase-to-Ground		

6) Date Adopted: May 2, 2006