

HIGH POWER ELECTRONICS  
HIGH VOLTAGE DEVICES  
DC, 60Hz, RF, PULSE  
MEASUREMENT  
DISPLAY



VACUUM CIRCUIT BREAKERS  
SWITCHING, RELAYING  
CONTROL, SAFETY  
DEVELOPMENT  
TESTING

# ROSS ENGINEERING CORPORATION

## WORKSHEET HAND HELD PERSONAL GROUNDING ROD

Name: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_

Please fill in as much as possible so Ross Engineering Corp. can recommend the best device for the application!

Maximum operate voltage \_\_\_\_\_ DC \_\_\_\_\_ AC RMS \_\_\_\_\_ AC Peak

Desired length of insulated handle \_\_\_\_\_ Ft.

Desired length of ground lead \_\_\_\_\_ Ft.

Maximum capacitance to be discharged \_\_\_\_\_ microfarads.

Maximum Joules (Wattseconds) to be discharged \_\_\_\_\_ Joules

Maximum allowable time constant to 37% \_\_\_\_\_ seconds. (1RC)

Maximum allowable 5 time constants to 99% \_\_\_\_\_ seconds. (5RC)

Maximum allowable peak current \_\_\_\_\_ Amps PK. (Recommend <100 Amps maximum)

Minimum time between discharges \_\_\_\_\_ minutes \_\_\_\_\_ seconds.

Desired series resistance \_\_\_\_\_ ohms.

Is interlock/holder desired? \_\_\_\_\_.

**NOTE: Ross Engineering Personal Grounding Rods are not rated for powerclass utility powerline application, where unlimited current source or bil transients are possible.**

Other requirements: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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