



STANDARD OPERATING GUIDELINES

SOG-ELEC-0001

OPERATION OF SWITCH RATED ELECTRICAL CIRCUIT BREAKERS ONLY

PURPOSE & APPLICABILITY

The purpose of this Standard Operation Guidelines (SOG) is to establish a uniform guideline for the operation of single pole, Switch Rated Electrical Circuit Breakers (“SWD”) ONLY. These circuit breakers are evaluated for high endurance use, since they will be used similar to a light switch, unlike standard circuit breakers which are designed to remain in one position for the majority of the breakers life. In comparison to operating standard circuit breakers, SWD breakers are less likely to result in an Arc Flash/Blast event.

QUALIFICATIONS

- Completion of SOG-ELEC-0001 training.

EQUIPMENT LIST

N/A

PROCEDURE

1. Open the electrical panel door.
2. Ensure that the electrical panel “dead front cover” (covers live electrical parts) is on. If the cover is not in place, and wiring is visible, DO NOT PROCEED. Immediately contact a Supervisor.
3. Identify the Switch Rated Electrical Circuit Breaker to be operated. Switch Rated Breakers will be labeled with “SWD.” DO NOT OPERATE ANY BREAKERS NOT CLEARLY LABELED “SWD.”
4. Operate the SWD breaker.
5. If the SWD breaker trips, it may be an indication of a problem. Contact Service Operations Support (SOS) at 656-2560, or complete a [Service Request](#) on line to have a PPD Electrician contacted.
6. Close and secure the electrical panel door.



Example : Switch Rated Electrical Circuit Breaker labeled “SWD”