

EFCOG BEST PRACTICE # 210

Best Practice Title: Contact Release Training

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Brief Description of Best Practice: Coming into contact with an energized conductor or circuit part may cause muscle contractions which can lead to a person being unable to let go. Persons responding to incidents involving electrical contact must have training in order to act quickly and safely.

Why the best practice was used: This best practice was developed based on an NFPA 70E -2015 requirement to provide training in contact release.

What are the benefits of the best practice: This best practice provides information sufficient to meet the training requirements specified in NFPA 70E for potential responders which enables them to act quickly and safely during a shock incident.

What problems/issues were associated with the best practice: NONE

How the success of the Best Practice was measured: The success of the training can only be measured in an actual shock incident. Every effort is made at DOE facilities to avoid shock incidents and never having to use this best practice is the goal.

Description of process experience using the Best Practice: This best practice was developed based on the consensus opinion of the EFCOG – Electrical Safety Task Group. This training supports the ISMS process by identifying hazards associated with contact release and the methods to mitigate the hazards while helping the victim.