

# 750 V dc Distribution Equipment



Never assume equipment is isolated  
– always test before touch.

## Brief

- Always prove the testing device before use
- Where possible, reprove the device after use
- Always test a conductor which may be live using an approved device at the earliest opportunity
- When joining a workgroup who are in contact with a conductor, if there is any doubt about the extent of their worksite the test must be performed again
- Approved devices only indicate if a conductor is live, not if it is safe to touch. Conductors must have a certificate of isolation, and made dead, before touching

## This lifesaving rule applies to

- Working on, or near, conductors which may be energised at dc voltage inside substation buildings and associated compounds. This includes but is not limited to,
  - Rectifiers
  - Interconnecting cables
  - dc circuit breakers and switchgear (unless the dc circuit breaker has been completely withdrawn from the switchgear cell)
  - dc bus bars
  - Other exposed 750 V dc conductors at substations and TP huts

## This lifesaving rule does not apply to

- No assets identified*

## Learning for the future

- Every report of electric shock (including static shocks) shall be formally investigated using the fair culture process
- A Close Call should be raised when a conductor is tested live and it is not expected to be live