

SAFE ISOLATION PROCEDURE TREE FOR ISOLATING A COMPLETE INSTALLATION

IMPORTANT NOTE:

Should any procedure fail to indicate the correct outcome – repeat previous item.

GAIN PERMISSION TO ISOLATE
INSTALLATION

ISOLATE MAIN SWITCH AND
REMOVE CU/DB COVER

FIT PADLOCK AND WARNING
SIGNS – RETAIN KEY ON
PERSON

SELECT APPROVED VOLTAGE
INDICATOR AND CHECK FOR
SUITABILITY AND ANY DAMAGE

CHECK OPERATION OF VOLTAGE
INDICATOR ON KNOWN SOURCE OR
PROVING UNIT (IF USING A KNOWN
SOURCE PROVE TO THE HIGHEST
VOLTAGE PRESENT)

TEST FOR 'DEAD' (0 VOLTS) -
BETWEEN ALL VOLTAGE POTENTIALS
ON LOAD SIDE OF ISOLATOR:

LINE – NEUTRAL

NEUTRAL - EARTH

LINE –EARTH

LINE – LINE (IF 3PHASE)

REPROVE OPERATION OF VOLTAGE
INDICATOR ON KNOWN SOURCE OR
PROVING UNIT

START WORK

Important Numbers:

The number of supply
conductors will alter the
amount of voltage
potentials to be checked

Single Phase = 3 tests

Three Phase and
Neutral = 10 tests

Three Phase without a
neutral = 6 tests