

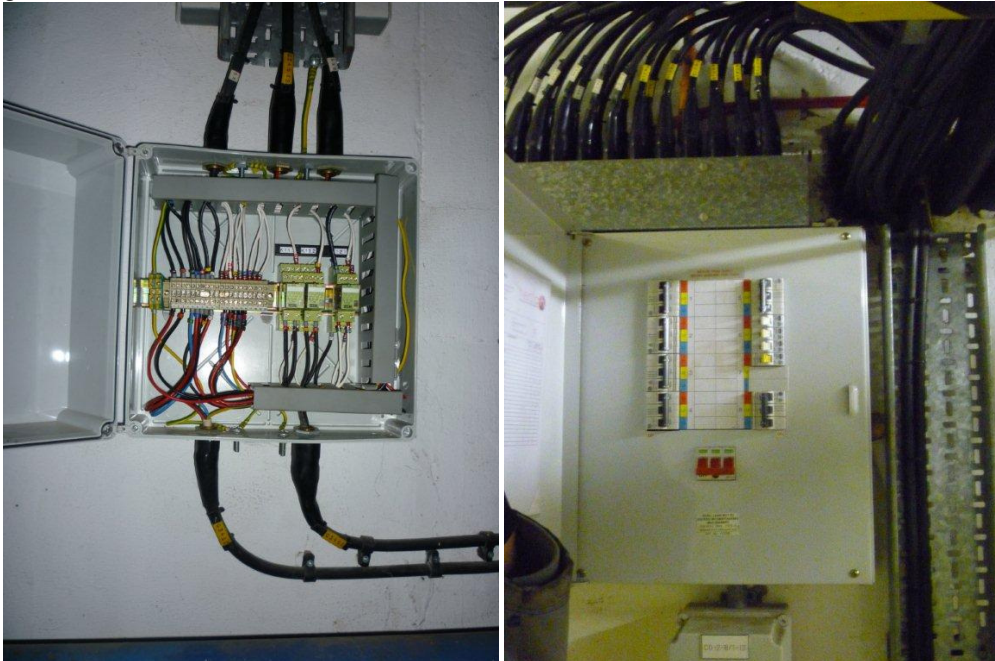


SAFETY ALERT



Subject: GENERATOR REMOVAL - UNISOLATED JUNCTION BOX.

Five generators were isolated from the electrical system to enable them to be removed from site. While removing one of the generators a junction box, believed to be isolated, was found energised from an unmarked circuit breaker within a distribution board.



The generators were large, old units and consequently complex to isolate.

All persons are reminded that :-

- 1. Before removing complex items of electrical equipment** (i.e. those requiring multiple electrical isolations), **a plan for isolating equipment shall be prepared, recorded and approved along with the RAMS (Risk Assessment and Method Statement) by an Electrical Authorised Person.** (For Engineering Reliability this Authorised Person shall be an Engineer/Technician working within the Reliability Team).
- 2. All electrical isolation shall be secure and incapable of inadvertent re-energisation.** Electrical isolations shall be carried out by an Electrical Authorised Person, preferably by opening an isolator, locking it off and labelling it and checking the conductors at the point of work are dead using an approved voltage testing device. The voltage testing device shall be tested before and after use.
- 3. The labelling of circuit breakers within distribution boards shall be kept up to date and under no circumstances should utilised circuit breakers be left unlabelled.**
- 4. When asked to carry out complex isolations where inadequate time and planning has been allowed for the work to be carried out safely and securely, Authorised Persons shall stop work immediately and refuse to carry out the isolation until an approved plan and RAMS for the isolation have been prepared and approved** (See item 1).

If in Doubt, Contact Your Supervisor.

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