

Safety Alert 25- 05 – Electrical Process for Temporary Installations

It has been brought to our attention that there is a need to clarify the electrical process for temporary installations. This is in line with [HSPR06-01- Control of Electrical Works](#).

What is in scope?

Anything that has an electrical power source requires review and authorisation from an Electrical Authorised Person who is appointed by the Electrical Authorising Engineer for MWHT.

Examples of temporary installations include generators to power cabins or site equipment, temporary mains connections for welfare, lighting etc.

What are the requirements?

The Electrical Authorised Person shall be made aware of any works that require a power source, including temporary installations and shall;

1. Review and approve any RAMS in relation to this activity
2. Review the competence of anyone carrying out electrical works including temporary connections
3. Ensure a design load check has been carried out by an Electrical Designer to ensure the temporary installation is suitable for the network/source (i.e. the network can take its load).
4. Issue the relevant documentation (Permit to Work, Limitation of Access, Permit to Enter, etc) for the works taking place
5. Issue a Sanction to test prior to energising
6. Witness any tests carried out following the installation
7. Review and interpret any test results to ensure they are compliant
8. Carry out Quarterly inspection & testing on any temporary connection. Where necessary the electrical installation company can be called to site to carry this out.

What if there is an incident or issue with an electrical installation (temporary or permanent)?

- The Project Electrical Authorised Person shall be informed of any issues or incidents immediately.
- For any issues that the Electrical Authorised Person is unsure of, they should refer back to the supplier of product e.g. the hire company for a generator
- For high potential near misses and incidents the Regional Electrical Authorising Engineer shall also be informed. The area of the near miss or incident shall remain undisturbed (but safe) until the Regional Electrical Authorising Engineer arrives.

For more information please contact Mark Laycock (Mark.Laycock@mwhtreatment.com) or your Regional Electrical Authorising Engineer.

Please also ensure all incidents / near misses / Improve ITIs are reported on ActivSHEQ.

