

HSQE ALERT

Hi-Potential Near Miss
Cutting close to live 415V Cable

DATE ISSUED
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What Happened?



An operative was observed setting up podium steps and a 10" grinder to cut either end of a number of sections of steel conduit with 3 x 415v live cables running through them. The operative had carried out two cuts and was setting up for the third.

The cables within the conduit were live, no Safe System of Work was in place and no 'Isolation Permit' or 'Permit To Work' had been issued.

Guidance and Actions – what you need to do

If not planned or controlled properly, working on or close to live electrical equipment can result in death, electric shock, electric burns, electric arcing, fires or explosions.

All Permits **must** contain the following: Description of the work to be undertaken, clearly outline any limitations of the work, specify any steps or precautions that must be taken and **confirm these have been put in place before any work commences.**

Permits **MUST** be **issued, checked** and **signed off** once all the precautions have been completed by someone competent to do so, and who is not involved in undertaking of the work.

Before carrying out any work on or close to any item of electrical equipment, the below precautions must be taken:

- A risk assessment **must** be conducted by a competent person enabling the preparation a Safe System of Work(Method Statement)
- The power **must** be isolated at source (or as specified in the Isolation Permit) by a competent person such as an electrical engineer.
- The isolator **must** be physically locked in the off position (by padlock) and a sign **must** be displayed to indicate that works are being undertaken.
- If more than one person is applying isolation, each of them **must** lock the power off with their own padlock and display their own sign.
- A test **must** be carried out by an electrical engineer to confirm the power supply is off.
- An Isolation Permit can only be issued by a competent person such as an electrical engineer.
- Once works are complete the person in charge of the works **must** notify the issuer of the Permit, the Permit will then be closed out (by signature) prior to the power being recharged.

HSQE ALERT

HSQE BULLETIN

GOOD PRACTICE

ATTENDANCE REGISTER

Subject Duration (minutes).....
 Site/Contract..... Date.....
 Talk given by..... Signature.....
 Start Time..... End Time.....
 I hereby acknowledge that I have attended, received and understood the above-mentioned lesson specific guidance talk.

PRINT NAME		SIGNATURE
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