

Shared Learning

Electricity | Induced voltage Leading to electric shock | Thermal site

What happened?

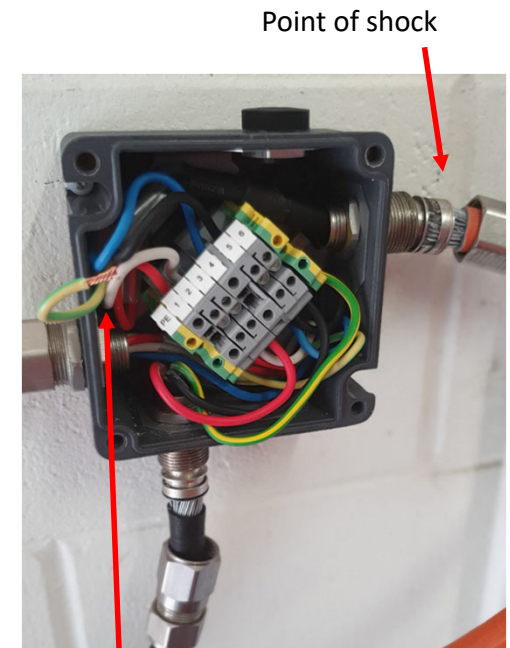
A faulty emergency light fitting was replaced in a gas hazardous area. This included adding a junction box before the light fitting to terminate the 5 core cable as the old junction box only had terminals for 3 cores.

An inspector certifying the work removed the gland fitting between the junction box and the 5 core cable and received a minor electric shock

What did we learn?

What did we learn:

- That the supply cable earth wire was loose in the junction box meaning the DIN rail Bonding plate and cable glands were no longer earthed.
- Quality assurance post installation is important. This verifies the work done is safe to live in.



Loose earth wire