INCIDENT review panel LEARNING

amec

The Incident:	**Electric Shock**
Project:	**Dunlin Alpha**
Date:	**22nd April 2010**
Classification:	**Over 3 day injury**
Potential:	**C5**

The Incident

The task was modifications to switchgear cabinets to provide power supplies to new variable speed drives used to control new electrical submersible pumps. These pumps are being installed for hydrocarbon artificial lift. The work was within an electrical switchboard, located in a platform module in M4W switchboard.

During the installation of current transformers (CT's) in the switch board, a bus bar panel was removed and the injured party received a 6.6 kV electric shock from exposure to live bus bars.

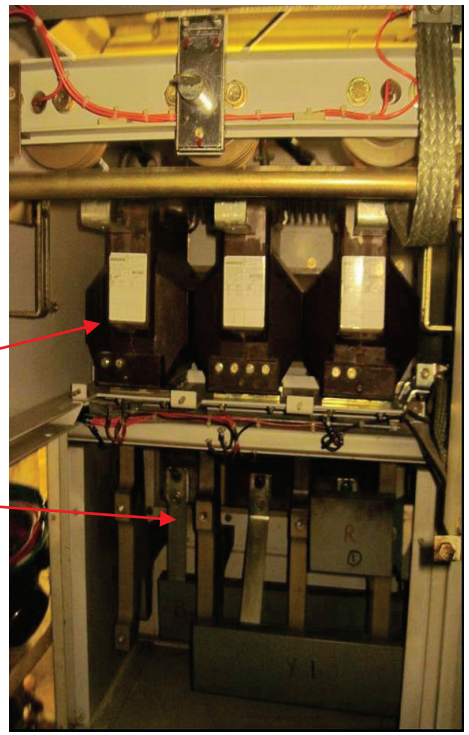
Investigation Findings

During planning and before starting any work the work party MUST ensure:

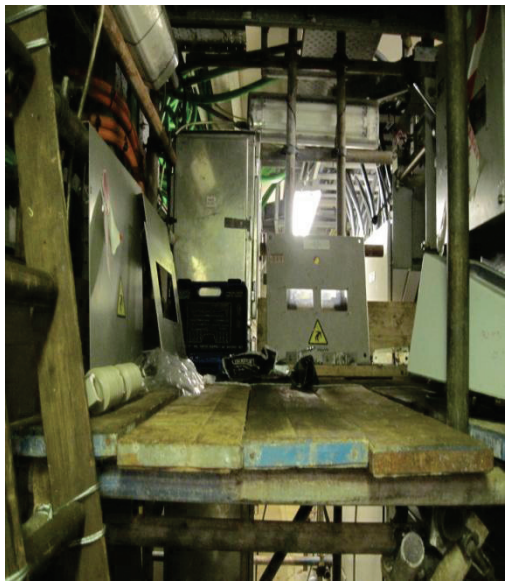
- Method statements are in place, containing detail appropriate to the complexity of the task
- Adequate risk assessments with appropriate control measures are in place
- Compliance with control of work procedures and electrical safety rules
- Clarity over roles, responsibilities and who is supervising the work
- All phases of the work, including both hazards and control measures, are clearly communicated and understood by the work party

During work:

- When a change is identified work must be stopped and the scope reviewed with all relevant parties



CT's and bus bars



View of immediate worksite

Safety Essentials category