

Remediation Management Incident Investigation Terms of Reference

HAINAN RD. HIPO INCIDENT DURBIN, SOUTH AFRICA

Incident Context:

On 28 January 2011 at the Hainan Road demolition project, soft stripping works were performed at an office building as one of three tasks performed on that day on site by RMH, the demolition subcontractor. After internal soft stripping was completed, external soft stripping was started. Workers used a cherry picker to work at height under Working at Heights Permit number WAH 24/01-03.



At 13:45 that day, an RMH employee cut through an electrical cable that was present at approximately 2 m above ground level. He reported that he felt a resistance to saw movement and a cramp in his hand, followed by a sudden release. He immediately requested the cherry picker to be lowered.



At 13:48, the subcontractor project manager arrived at the scene and familiarised himself with the condition of the employee and the area. The employee appeared to be physically unharmed. As a precautionary measure, he was transferred to a nearby hospital (St. Augustine's) where he underwent an ECG and received an injection and some medication (details still awaited).

He was released on that same day at 20.00 and returned to the site the following day (Saturday) for a training session.

An investigation of the immediate causes of the accident on the same day revealed that a live power cable (380 V, three-phase) had been cut into. The cable provided the power supply to the office building's distribution board.

Immediate Action

Soft stripping was immediately stopped after the incident, and afterwards the affected employee was transferred to the hospital. The cable was traced, identified to have been live prior to the incident, and was subsequently disconnected from the main supply.

A stop work order was issued immediately and all works on site remain stopped until further notice. The event was entered in Tr@ction as an incident on Wednesday 2 February.

Context of Investigation:

To determine the root cause(s) leading and or contributing to this High Potential (HiPo) Incident. The Investigation Team shall review all evidence and conduct interviews with the key members of the workforce and project team, including but not limited to the project manager(s).

Gathered evidence includes, excerpts from e-mail correspondence, training and meeting attendance logs, procurement HSSE assessments, moc requests, WRA's, TSEA's, Procedures, and practices, permits, equipment inspections, safety observations and conversations records, etc.



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