

EVENT LEARNING

Safety & Sustainable Development

004

Incident Date / Time: 7th April 2013 / 03:03hrs
Location: Edinburgh Haymarket Station
Works Taking Place / Incident Type: Demolition / Dismantling / Dangerous Occurrence
Issued By: Rodger Querns, Programme Director EGIP
Project Name / Number: Haymarket Capacity 101773
For the attention of: All Scotland and North East

Description of incident

Steel framed canopies were being dismantled / demolished from platform 2 and 3 under possession and isolation. Two number two legged chains were attached at either end of the canopy, as the canopy was being lifted from its supports two of the four chains lifting the load failed causing one half on the canopy to fall to the platform floor. The remaining two chains supported the other end of the canopy.

CAUSES

1. Failure of lifting accessories due to incorrect selection of chain rating and slinging arrangement implemented.
2. Principal Contractor's procedures were not followed resulting in the execution of a poorly planned operation;
 - a. The proposed safe system of work had permitted working under the load as it was being cut free this resulted in a poor overall perception of risk.
 - b. The exclusion zone protecting personnel from the lifting operation was in place but not adhered to.
 - c. The proposed methods of working and poor behaviours exhibited during the lifting operation were not challenged.
 - d. There were fundamental differences from previous lifts undertaken on site. This was not identified by the project team hence the lift was perceived as just another canopy lift.
 - e. There was poor leadership of the lifting operation.



Never enter the agreed exclusion zone, unless directed to by the person in charge.

The reader is required to take action where appropriate to implement the following;

Is your project planning lifting operations?

1. Discuss with your Principal Contractor and agree procedures and processes prior to commencing work.
2. Check the Principal Contractor has carried out sufficient checks before during and after execution of work to ensure compliance with the lifting plan.
3. Ask your Principal Contractor to explain the exclusion zone arrangements.
4. Review the arrangements for supervision of sub contracted lifting operations.
5. Discuss at your team/safety brief the details and picture in the Period 1 Safety and Sustainable Development brief.



Always have a valid safe system of work in place before going on or near the line.