

**Project:** Lineside Building & Sale Reel Warehouse Demolition Adjacent to Live Railway Line

**Date:** January 2010 – April 2010

**Programme:** 4 Months

**Overview:** To Demolish Line side Railway Building, and Adjacent Sale Reel Warehouse



**Scope:**

- Removal of asbestos cement Gutter and downpipes
- Removal of bituminous asbestos covered roof sheets
- Dismantle Steel framed line-side building
- Remove trees to railway bank.
- Demolish concrete platform to west of line-side building.
- Remove concrete bunkers within line-side building

Significant Hazards

<p>Asbestos          Access &amp; Egress.          Biological hazards – Weil’s disease,          Leptospirosis.          Buried &amp; surface services – H.V cables.          Chemical hazards - COSHH.          Electrical Installation.          Electrocutation.          Excavations.          Fire &amp; explosions.          Hypodermic needles.          Loading/ unloading vehicles.</p>	<p>Manual Handling.          Public interface.          Railway. (Working in the vicinity of an Operational railway).          3<sup>rd</sup> Rail conductors. (Working in the Vicinity of 3<sup>rd</sup> rail conductors).          Slip, Trips and Falls.          Use of plant &amp; Equipment.          Vehicle &amp; plant movements.          Working at height.          Working with high voltage electrical Equipment.          Lifting Operations</p>
--	---

Methods/Technology: The steel framed line-side building demolished was approximately 75 meters in length and 10 meters in width with internal concrete bunkers which were also removed. The line-side building will be dismantled bay by bay removing steel clad sheets and steel purlins before removing steel trusses and uprights working progressively from east to west.

Complexity: The works were carried out with the live rails in the vicinity, so extra care had to be taken to ensure no damage to the railway infrastructure.

