



# Assessment task 1 – Evaluation of Demolition for Residential Low Rise Construction

## Purpose of assessment

To analyse and evaluate the proposal to demolish an existing residential low-rise building, which is typical for your local area. This Assessment accounts for 20% of total assessment.

## Assessment task

Choose an actual residential low-rise building, which is typical for your local area and analyse the procedures and stages required to carry out the demolition process.

The evaluation should include the following:

- A procedural manual for demolition that conforms to legislative & planning & safe work practices.
- Explanation of the structural principles that form part of the demolition process of your chosen residential low rise construction and why these principles apply
- Identify the structural components of your project (E.g.: columns, slabs etc.) and explain their effects on the demolition of the structure
- Identifying areas of potential hazard due to hazardous materials e.g. asbestos cement in roofing, linings, underlay, etc.
- Disconnection of services, power, water gas in accordance with appropriate standards.
- Identification of materials for recovery and recycling
- Use of a consultant (structural engineer) to assess the demolition sequence