

PURPOSE/APPLICATION

To provide guidance for safe demolition execution. Demolition activities should be directed and/or executed by persons trained specifically in demolition and deemed competent by the site Owner/Prime Contractor.

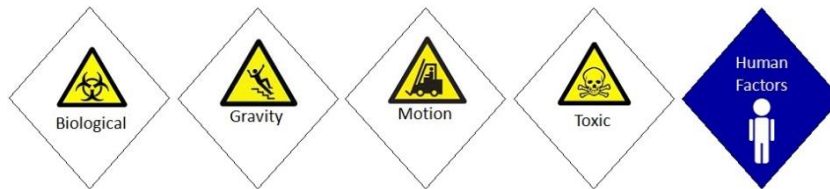
Preparatory operations will include the overall planning of the demolition job, including the methods to be used to bring the structure down, the equipment necessary to do the job, and the measures to be taken to perform the work safely.

PPE

- Strike Minimum Requirements
- Additional requirements as identified in the Hazard Identification, Assessment and Control (HIAC) Process

TRAINING**HAZARDS & CONCERNS**

- Equipment Specific
- All 13 Strike Hazard Sources should be considered
 - Gravity
 - Motion
 - Toxic
 - Biological
 - Noise
 - Fire/Explosion
 - Injury
 - Flying/ Falling debris

**PRECAUTIONS**

Planning for a demolition job is as important as actually doing the work. Therefore, all planning work should be performed by a competent person experienced in all phases of the demolition work to be performed.

DO'S

- DO** Ensure an engineered survey of the structure to be demolished is conducted by a competent person to help understand the current condition of the framing, floors, and walls
- DO** Complete checks on adjacent structure(s) or improvements when advised
- DO** Assess the site for harmful substances such as asbestos, lead, heavy metal, potentially flammable or explosive material, NORMs, and/or toxic gases
- DO** Complete Site-Specific Safety Plan(s) (SSSP) or Exposure Control Plan(s) (ECP), as required, to control the hazardous substances identified
- DO** Complete a Pre-Job Hazard Assessment (CF-S-56)
- DO** Complete an Emergency Response Plan (ERP)
- DO** Acquire, pre-inspect, and properly utilize the protective equipment required to handle the harmful substances, conditions, and/or potential emergencies as identified by the Engineered Survey, SSSP, ECP, ERP, and/or CF-S-56
- DO** Ensure personnel completing the work are competent for the type of work to be completed (e.g. Electricians complete electrical demolition, pipefitters complete mechanical demolition, etc.)
- DO** Ensure a HIAC (CF-S-01) is completed prior to work onsite beginning and is supplemented with guidance within Strike's HSE Library
- DO** Ensure reassessments are completed throughout the day to help capture changing conditions such as, but not limited to:
 - Restricted/Confined space conditions created through the demolition process,
 - Fall Protection requirements are being met,

- Overhead risks to personnel such as unsecured walls left standing without bracing or overhead work where objects could be dropped
- Placement of demolition and/or combustible material that blocks emergency routes or equipment
- Identification of hazardous materials
- General housekeeping

DO Ensure utilities that need to remain in-service are adequately protected from demolition activities (relocation, guards/barricades, etc.)

DO Ensure personnel are made aware of the location and status of in-service utilities prior to beginning demolition work

DO Ensure all utilities entering structure to be demolished are cut, capped, or otherwise controlled outside the building

DO Ensure glass that could endanger workers is removed prior to demolition. Remove glass in a top to bottom sequence

DO Secure materials and debris against unintended movement from weather or concurrent activities

DO Install signage to inform personnel of hazardous areas

DO Ensure heating devices are used in accordance with manufacturer's specifications

DO Ensure roadways between and around combustibles are at least 5 meters/ 15 feet wide and remain free from accumulation of rubbish, equipment, or other materials

DO Maintain a minimum of 6 inches of clearance between exhausts and combustible materials

DON'Ts

DON'T Begin demolishing a structure before understanding the condition of the framing, floors, and walls as this could result in a premature collapse of the structure.

DON'T Demolish or break integrity on a structure or system without knowing the contents that were, or still could be, within.

DON'T Break integrity on systems you are not competent to work on (e.g., If you are not an electrician, do not complete first breaks on electrical components)

DON'T Leave dangerous areas unbarricaded or otherwise accessible to the public

DON'T Smoke outside of designated areas. Ensure safe receptacles are provided within designated smoking areas.

REFERENCES / ADDITIONAL INFORMATION

- HSEMS Section 2 – Hazard Identification, Assessment, and Control
- HSEMS Section 6 – PPE
- Strike ERP Template
- SDS Binders / CHAMPs
- COP 03 – Confined Space Entry & Rescue
- COP-05 Lock Out Tag Out
- COP 06 – Fall Protection
- SWP 03 – Breaking System Integrity
- SWP 05 – Fire Extinguishers
- SWP 16 – Asbestos
- SWP 17 – Chemical, Biological Hazards and Harmful Substances
- SWP 18 – Tools, Equipment, Machinery
- SWP 19 – Housekeeping
- SWP 31 – Fueling
- SWP 58 – Fire and Explosion
- SWP 67 – Lead
- SWP 73 – NORM
- SWP 74 – Wrench Use
- SWP 85 – Dropped Object Hazard Management

REGULATIONS**Alberta OHS Code**

- Part 20 - Construction, Excavation and Demolition

British Columbia OHS Regulation

- Part 20: Construction, Excavation and Demolition

Saskatchewan OHS Regulation

- Part 27 Demolition Work

Manitoba OHS Regulation

- Part 33 Demolition Work

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