



CS ENERGY PROCEDURE FOR
PROTECTION WHEN WORKING AT HEIGHTS
CS-PTW-3

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1. Purpose

To provide a common procedure to protect people from the hazard of falling.

2. Scope

This procedure shall apply where there is a need to work with a fall height of greater than 0.5m, without permanent walkway or handrails.

Application for a PTW is necessary to carry out this work.

Where the fall height is less than 0.5 m, then caution tape and signs will be erected as per local procedure.

This procedure does not include the safety requirements for the erection of scaffolds, nor for Excavations. See CS-PTW-2.

Exception-This procedure does not apply for temporary removal of gatic/inspection covers PROVIDED access into the hole is not required and the exposed hole is not to be left uncovered.

3. Actions

3.1 Principles

3.1.1 The primary principle is to design out the need to work at heights without normal plant protection, wherever practicable.

3.1.2 If this cannot be achieved, then the secondary principle is to manage the risk of falling by ensuring that the people involved in the job are properly protected, e.g. wear fall arrester gear, and by using appropriate temporary barricades to protect others.

3.1.3 Where possible the principle of separation in time and space shall be used in planning the activities of an overhaul, outage, routine work or inspection to reduce the risks to personnel.

3.1.4 The OIC is responsible for the safety of the working environment unless it has been delegated to a Safety Observer.[See Definitions]

3.2 Procedure where Fall Height is between 0.5 and 2.0 metres

Where a person can fall between 0.5 and 2.0 metres, the OIC shall decide if any of the following conditions should apply:

- The need to carry out a risk assessment,
- The need to wear an approved harness, lanyard and fall arrester.

In all other respects, follow 3.3

3.3 Procedure where Fall Height is greater than 2.0 metres

3.3.1 The O.I.C. shall carry out a risk assessment and determine appropriate controls This shall include determining barrier controls and safety equipment requirements using Form 959. These shall be reviewed and endorsed by a Safety Officer[see Definitions].

3.3.2 **Personnel authorised by the OIC to enter the barricaded area while the hazard is exposed shall be fitted with an approved harness, lanyard and a fall arrester when working inside the barricade.** To ensure the work is performed in a safe manner, the OIC or a Safety Observer [see Definitions] shall be in attendance for the entire period while any authorised person is in the barricaded area whilst the hazard is exposed. The Safety Observer must be briefed by the OIC on the work, the safety procedures and equipment to be used. The OIC or the Safety Observer has the authority to stop the work and direct the removal of all persons from the hazardous area if they observe unsafe practice or any violation of access conditions.

3.3.3 A sign (Form 958) shall be displayed in a prominent position at each barricaded access with all details completed.

3.3.4 An area shall be barricaded on the floor immediately below the work area and if necessary any other intermediate floor levels to prevent people being injured from falling objects. This barricade may be danger tape or solid barricade and shall be removed as soon as the work is complete.

3.3.5 The Safety Officer shall determine if the completed form needs to be sent to the relevant engineer for possible plant redesign as per 3.1.1.

3.4 Barricades

- All solid barricades which are used to prevent people falling shall be a solid barrier with a top rail, mid rail and a kick plate, if above 2.0 metres. Barriers used for 3.2 need only have a top rail, approximately one metre high.
- “Soft” barricades will be danger tape and must be erected at least 2 metres from the hazard and all plant lighting must be operational.

4. Definitions

Application Form - Application for working with exposed height hazard greater than 0.5 metre, for both above and below ground level.(Form 959).

Officer in Charge OIC as defined in the Permit To Work system.

Safety Observer - The Safety Observer shall have substantial knowledge of the work to be performed and be familiar with safe working practices. If the OIC can not be at the work site for the total period that the hazard is exposed and whilst people are inside the barricaded area, then the OIC shall appoint a Safety Observer for this period.

Safety Officer - Person trained to perform duties as specified in 3.3. These people will be trained in Hazard Identification and Risk Assessment as appropriate and would generally be the site Risk & Safety Adviser or deputy or any of the site PTW Officers.

5. Reference Documentation

Workplace Health and Safety Act 1995.

Workplace Health and Safety Code of Practice - Plant.

Panel of Inquiry Report - Gladstone Fatality (March 1994).

Danger Do Not Enter Sign. Form 958

Application Form 959

CS Energy Risk Policy

6. Attachments

7. Document History

Issue Date	Nature of Changes
13/08/95	Original Issue
04/06/98	Updated definitions and wording
29/12/00	Reviewed CS-OHS-14 and renumbered