



HANDRAILS

Potential Hazards

1. fall from elevated heights
2. cuts/lacerations
3. falling objects
4. slip, trip or fall

Personal Protective Equipment Required

- | | | |
|-----------------|--------------------|-----------------|
| Hard hat | CSA Boots | Eye protection |
| Hand protection | Hearing protection | Skin protection |
| Respirator/mask | Face protection | (clothing) |

PRELIMINARY ACTIVITIES

Where multiple trade activity is scheduled, the general contractor is to review in advance the priority of work and schedule the appropriate time frame to allow each trade to complete their scope of work. Prior to any work commencing supervisors must conduct a hazard assessment of all applicable work areas. Any hazards that are found during the hazard assessment must be addressed prior to any work commencing.

DO'S:

1. Make sure a competent person has inspected the handrail before use.
2. Ensure that the handrail is properly secured.
3. Ensure nails are not protruding.
4. Ask a supervisor if you're not sure if working conditions are safe.

DON'Ts:

1. Do not take chances.
2. Do not stand on the handrail.
3. Do not hang materials and equipment on the handrail.
4. Do not apply excessive pressure on the handrail.
5. Do not remove the handrail prior to the work being complete.

SAFE WORK PROCEDURE

1. Stairs with more than 4 risers must have continuous handrails on
 - any open side of the stairway,
 - one side of enclosed stairways 112 cm (44 in) or less in width, and
 - both sides of enclosed stairways over 112 cm (44 in) wide.
2. The top of a handrail must be 76 cm to 92 cm (30 in to 36 in) above the stair tread, measured vertically from the nose of the tread, and the height must not vary on any flight or succession of flights of stairs.
3. A handrail on an open side of a stairway must have a midrail located approximately midway between the top of the handrail and the nose of the stair tread.
4. A handrail must be able to withstand a load of 1.3 kN (300 lbs) applied vertically or horizontally at any point along the handrail.