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| <h1>Snowy Technical Standards</h1> | |
| SHL-GEN-131 | High Voltage Danger Sign Requirements |
| Subject Matter Expert <i>John Gallagher</i> | Version Date: 02/05/2022 |
| | Revision: A |

High Voltage Danger Sign Requirements

Signs are designed to convey information of a hazard, a prohibition or emergency risk. All signs must consist of symbols and symbolic shapes in accordance with AS 1319, AS2342 and AS/NZS 300.

‘Danger High Voltage - Authorised Personnel Only’ warning signs must be installed in accordance with AS1319. Signs must be 600mm high x 450mm wide.



Location

Where ‘Danger High Voltage - Authorised Personnel Only’ signs are placed to warn of a hazard, sufficient room must be given so that the observer can view and understand the sign, and then move safely to avoid the hazard. Consideration should be given to ensure signage is visible under operational conditions such as an open door to a High Voltage area (see ground markings). Care should be taken when placing several signs close together. Too

many signs may result in sensory overload and consequently the observer may not absorb the messages.

Signs shall be placed on the entries to all areas where high voltage equipment exists (voltage normally exceeding 1000 volts alternating or 1500 volts direct current).

Signs installed along fencing should be spaced at least every 3 fencings panels apart.

Signs should be mounted as close as practicable to the observer's line of sight in the vertical plane. For a standing adult, this will be approximately 1500 mm above ground or floor level.

Ground markings:

Where it is identified that operational conditions may require the visual impedance of signage to High Voltage areas, ground markings shall be installed to alert individuals to the hazard prior to the exposure.

Ground marking should state 'Danger High Voltage - Authorised Personnel Only' and comply with the requirements of AS/NZ standards for size and colouring if practicable.

