

LNG – Personal Protective Equipment

SWP-103

1.0 Purpose

To provide direction to workers regarding personal protective equipment (PPE) at the Yukon Energy Corporation Whitehorse Gas generating facility (WG0).

2.0 Minimum mandatory personal protective equipment (PPE)

Note - Accidental contact of LNG with skin or eyes may cause a freezing injury similar to a burn.

2.1 The following PPE must be worn at WG0:

- Safety headwear; Class E, type II;
- Safety footwear with dielectric rating;
- Safety eyewear with side shields;
- Personal gas detector; bumped and calibrated; and
- Hearing PPE (as req'd).



2.2 Other PPE includes, but is not limited to, the following:

- Face shield;
- Long-sleeved shirt or coverall;
- Cuff-less leg covering (trousers or coveralls);
- Clean insulated gloves approved for cryogenic work;
- Clean insulated apron approved for cryogenic work
- Hearing protection (as required);
- Fall arrest/restraint (body harness & lanyard as required);
- Barricades or flagging tape to restrict entry into specific work areas;
- Other required PPE as described in SDS for chemicals in use at WG0.

3.0 Guidelines

- 3.1 All workers are responsible to wear adequate PPE at WGO.
- 3.2 All workers are responsible to inspect their PPE before each use to confirm it is in good condition.
- 3.3 All workers must wear proper PPE while working around the system, especially when making or breaking connections.
- 3.4 Do not allow cryogenic liquid to splash, spill or leak.
- 3.5 Protect eyes and cover skin wherever the possibility of contact with liquid, cold equipment or cold gas exists.
- 3.6 Cuff-less trousers should be worn over the shoes to allow spilled liquid to be shed away from the worker's body.

4.0 Reference documents

- Yukon OH&S Regulations Part 1 – General
- YEC SWP-100; LNG – General Site Rules
- YEC SWP-103; LNG – Personal Protective Equipment
- YEC SWP-106; LNG – Properties and Hazards
- YEC SWP-107; LNG – First Aid Measures
- LNG SDS