

Risk Element

- Sprains/strains (manual handling);
- Slips/trips and falls;
- Eye damage;
- Burns;
- Fumes;
- Dust.

Precautions to Eliminate/Reduce Risk

- Only authorised and trained persons are to use furnace;
- Adopt good manual handling techniques in accordance with training, where possible use lifting aids;
- Wear Issued protective workwear, Heat resistant gloves, Respiratory protective equipment, Safety boots/shoes;
- Ensure work area is kept free of obstacles to prevent slips, trips and falls.

Safe Working Method

- Use equipment directed as in the manufacturer's instructions. If you are unsure, ask a Manager/Supervisor;
- Pre use check to ensure the furnace is clean, all controls are working, check explosion relief lid is clear and free of obstructions, all dials and gauge displays are visible and the surrounding areas are clear of obstructions;
- Ensure all materials in furnace are distributed evenly;
- No pressurised containers or explosive substances are to be placed in the furnace;
- All controls are set for effective safe working;
- Only authorised and trained persons are to change settings;
- Use mechanical assistance to move heavy items;
- Open water valve and check spray inside furnace. Water pressure must be at a minimum **of 4 bar**;
- Close furnace door and ensure latched securely, set the burners and water pump to the present time;
- Turn on the burners and water pump supply, check the operation of burners and ensure the pump is running. **Do not open door in mid cycle**;
- Any defects found during operation of the furnace must be reported to Manager/Supervisor and the furnace is to be isolated(electrically and fuel) and not used until safe to do so;
- After process is complete shut down the oven by turning of electrical supply and reset all timers.