



Policy

Saskatoon & Area - Occupational Health & Safety

Number: 53-010

Title: Physical Hazard:

Thermal Conditions: Indoor/Outdoor Heat

Saskatchewan Employment Act:

OH&S Regulation: 70

Date: January 1, 2017

Date Revised/Reaffirmed: May 28, 2018

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Purpose

To ensure the health and safety of workers by reducing the risk of heat stress

Preamble

The Humidex Based Heat Response Plan is a way of protecting workers from heat stress. Traditional Wet Bulb Globe thermometers were used to estimate heat strain. The Humidex plan uses a thermal hygrometer to measure temperature and relative humidity.

Roles and Responsibilities

Employer must ensure:

- Indoor thermal conditions are reasonable for the work performed
- Effective protection for all workers is provided
- A local exhaust is used to remove heat created from hot work processes

Manager/Supervisor must ensure:

- That roles and responsibilities of all workers are being met, as well as applicable legislation and/or standards
- Safe work procedures are written and followed
- That when the environment is likely to be a health and safety concern, a monitor is used that measures temperature and humidity with a thermal hygrometer
- Workers are trained to recognize early signs and symptoms of heat stress and what to do to prevent them
- A plan is in place when required for workers to alter their pace of work, increase rest breaks and fluid intake when symptoms present. Preventative measure may include job rotations
- Suitable clothing is provided when required

Worker must ensure:

- They are trained in and follow the safe work procedures
- They are trained in and use any PPE required (selection, use, care and handling)
- They report to their supervisor and the Safety Alert System/Incident Report Line for any heat stress related symptoms

Materials

- Appropriate PPE if required

Non-Compliance/Breach:

Non-compliance with this policy will result in a review of the incident. A review for non-compliance may result in disciplinary action, up to and including termination of employment or privileges; fines and /or prosecution of individuals under the Saskatchewan Employment Act and OHS Regulations.

Review Dates:

January 1, 2017

May 28, 2018