

Heat Mitigation Plan

The Purpose of this plan is to respond to excessive temperatures inside CAT vehicles and facilities to keep drivers safe and healthy. Supervisors will monitor working conditions during periods of high temperature weather and provide employees with adequate guidance and resources.

CAT will use a laser thermometer in the vehicles and implement heat mitigation procedures as needed.

Risk Factors

- Long exposure to interior temperatures of buses and facilities exceeding a heat index of 90°F.
- Relative humidity over 40%.
- Excessive caffeine consumption.
- Poor hydration.

Heat index	Risk level	Protective measures
Less than 91 °F (33 °C)	Lower (caution)	Basic health and safety planning
91 0F to 104 °F (33 °C to 39 °C)	Moderate	Implement precautions and heighten awareness
103 °F to 115 0F (39 °C to 46 °C)	High	Additional precautions to protect workers
Greater than 115 °F (46 °C)	Very high to extreme	Even more aggressive protective measures

Adapted from Criteria for a Recommended Standard Occupational Exposure to Heat and Hot Environments Revised Criteria 2016 DEPARTMENT OF HEALTH AND HUMAN SERVICES Centers for Disease Control and Prevention National Institute for Occupational Safety and Health

DRIVERS' HEALTH HABITS

During the summer season, supervisors will check in frequently with all employees and offer kind, but persistent counseling if necessary, regarding healthy habits. These include:

- Drinking water. Employees will be encouraged to carry non-caffeinated fluids on runs. Bottled water, and other beverages will be made available in the breakroom refrigerator.
- Check-ups: Employees will be encouraged to monitor their health and the health of others. All CAT employees will familiarize themselves with the signs and symptoms of dehydration, heat exhaustion, and heat stroke. See attached table.
- A urine chart will be posted in the restrooms for reference.

VEHICLE ASSIGNMENTS

- During periods of hot weather, vehicles which lack AC systems or have a known deficiency of an AC system will not be assigned to route. Buses which develop AC deficiencies on route will be pulled from service as soon as it is feasible.
- A standby bus with working AC will be pre-tripped along with Station opening procedures.

MAINTENANCE

- Prompt maintenance of deficient AC systems will be of high importance during the summer season. If temperatures exceed Severe deficiencies of AC systems will be treated as issues of high impact to functionality in Fleetio. We will communicate our needs to the contracted mechanics.

WATER SUPPLY

- Water and other beverages will be provided in the employee breakroom.
- Bottled water and other beverages will be re-stocked aboard Gillig buses on assignment to Skamania County. Supply will be checked each weekend.

SERVICE ADJUSTMENTS

- In case of severe temperatures, service may need to be reduced or modified in order to accommodate longer cool-down breaks for drivers. Supervisors and standby drivers may need to cover runs as needed.
- *A modified schedule with fewer CITY runs in the afternoon is a potential service scheme which can be adopted during periods of hot weather and communicated to the public.*
- Office staff will communicate with the public via social media and Gorge Translink alerts when service is modified, suspended, or returned to regular operation.