

		MUKWONAGO FIRE DEPARTMENT OPERATING PROCEDURES	
Carbon Monoxide Monitoring Program and Alarm Response		Approved by: Chief Jeffrey A. Rolfe	
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PURPOSE: To provide the procedures and guidelines necessary to ensure that an effective department carbon monoxide monitoring program is being followed to protect department personnel.

SCOPE: This procedure is to be followed by all officers and members of this department. Authority to deviate from this procedure rests with the officers in charge of the incident who will be responsible for the results of any deviation.

The following outline will be utilized with regard to carbon monoxide monitoring:

A. WHEN TO USE THE MINICO:

1. Confined space entry.
2. Anytime personnel at the scene feel ill:
 - (a) Take carbon monoxide level of firefighter.
 - (b) Have pulse, BP, and respirations taken.
 - (c) Record all information on department carbon monoxide form.
 - (d) Request additional help if necessary.
 - (e) Treat firefighter per treatment protocols.

B. TREATMENT OF PERSONNEL WITH HIGH LEVELS OF CARBON MONOXIDE:

1. Up to 20 ppm above baseline:
 - (a) Give firefighter high flow O₂ (12-15 Lpm) for 1/2 hour via non-rebreather mask.
 - (b) Complete set of vitals.

- (c) After 1/2 hour, retest firefighter's CO level. If CO level is back to normal, firefighter may return to duty.
 - (d) If CO level is still high, send firefighter to hospital for further treatment.
2. 20ppm - 50ppm above baseline:
- (a) Give firefighter high flow O2 (12-15 Lpm) via non-rebreather mask.
 - (b) Complete set of vitals.
 - (c) O2 saturation, use pulse oximeter.
 - (d) Transport firefighter to hospital for medical evaluation.
 - (e) Firefighter may return only if cleared by doctor.

* NOTE: IF CO LEVELS SEEM TO BE VERY HIGH, AND FIREFIGHTER DOES NOT PRESENT WITH CO SYMPTOMS, CHECK CALIBRATION OF MINICO.

* NOTE: FIREFIGHTERS MIGHT PRESENT WITH OTHER MEDICAL PROBLEMS SUCH AS CHEST PAIN, BREATHING PROBLEMS, HEAT RELATED PROBLEMS, BURNS FRACTURES, SPRAINS, STRAINS, CUTS, OR CONTUSIONS. EMT'S SHOULD USE PROPER MEDICAL PROCEDURES IN TREATING THESE PROBLEMS.

Chief of Department