



## Rogers Fire Department Standard Operating Procedures

<b>Policy Title:</b>	Hazardous Materials Medical Monitoring		
<b>Policy Number:</b>	645	<b>Volume:</b>	Special Operations
<b>Approved By:</b>	Tom Jenkins	<b>Last Updated:</b>	April 2011
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### PURPOSE

The purpose of this policy is to provide the framework for medical monitoring at hazardous materials incidents.

### POLICY

Medical monitoring is the systematic and ongoing evaluation of members entering a potentially hazardous environment. Medical monitoring allows for obtaining pre-entry and post-entry conditions of all personnel performing activities at a hazardous materials incident scene. Medical monitoring allows for early recognition of any adverse physiological effects resulting from the on scene activities.

#### Pre-Entrance Medical Monitoring

1. Pre-Entrance monitoring shall be performed on all members that must wear any type of chemical entry suit (Level A, Level B) as determined during initial size-up and research confirmation.
2. A designated and trained individual shall perform all pre-entrance medical evaluations
3. Pre-Entrance monitoring shall consist of:
  - a. Blood Pressure
  - b. Pulse
  - c. Respiratory rate
  - d. Temperature
  - e. EKG rhythm strip (if available)
  - f. Skin evaluation (rashes, open sores/wounds, etc.)
  - g. Mental status (alert and oriented to time and place)
  - h. Medication use in the last 72 hrs
  - i. Alcohol consumption in the last 24 hrs
4. All medical information shall be recorded on the appropriate form(s)

## **Post-Entrance Medical Monitoring**

1. Post-Entrance monitoring shall be performed on all members that receive pre-entrance medical evaluations.
2. Upon completion of decontamination and suit removal all participants shall be medically monitored.
3. The Post Medical Monitoring shall consist of:
  - a. Any immediate effects from the contact with the hazardous material
  - b. Vital signs
  - c. Blood pressure
  - d. Respiratory rate
  - e. Temperature
  - f. EKG strip (if available)
  - g. Skin evaluation
  - h. Mental status
4. If the following symptoms are present, transport to a medical facility immediately.
  - a. Increase in pulse greater than 20 beats per minute
  - b. A temperature greater than 101°F (oral) 102°F (core)
  - c. Nausea, vomiting, diarrhea
  - d. Altered mental status
  - e. Respiratory, cardiac, or dermatological complaints
  - f. Systolic blood pressure decrease by 20mm of Hg at two minutes standing
5. All the information shall be recorded on an appropriate form(s)