Job site:	Date:
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## **SMOHIT Safety Sense**Toolbox Talks for the Sheet Metal Industry

## Hyperventilation

- Hyperventilation is deep, rapid breathing that reduces carbon dioxide levels in the blood.
- Hyperventilation can be caused by fear, anxiety, stress, or other emotional responses.
- Signs and symptoms for hyperventilation sometimes closely resemble other medical emergencies, such as respiratory distress or a heart attack. Symptoms include:
  - o numbness and tingling sensations around the lips, arms, and legs;
  - dizziness, weakness, and confusion;
  - o chest pains that increase with respirations; and
  - possible unconsciousness if not remedied.
- First aid treatment for a hyperventilating person:
  - Reassurance can help relax breathing. Saying things like, "you are doing fine," or "you will be okay" is very helpful. Use a soft, relaxed tone when reassuring the victim.
  - Encourage steady breaths. Demonstrate a slow, steady, normal breathing pattern to the victim, and encourage the victim to emulate.
  - Encourage the victim to breathe through pursed lips, as if blowing out a candle, or to cover his/her mouth and one nostril, and breath through the other nostril.
  - o If these attempts to remedy breathing are not successful, seek professional medical assitance immediately.

## **Instructor Tips**

 Explain to workers that breathing through a paper bag is no longer recommended because this can quickly lead to too much carbon dioxide in the blood stream.

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Reference: OSHA 29 CFR 1926.50