

EMPLOYEE TRAINING RECORD

TRAINING TITLE Methane

KEY TEACHING POINTS

EXPOSURE LIMITS

- PEL: None listed

FIRE AND EXPLOSION DATA

- LEL: 5.0% UEL: 15%
- Extinguish with CO2 or dry chemical.

APPARANCE AND COLOR

- Colorless, odorless and tasteless gas.

REACTIVITY DATA

- In the presence of catalysts or sources of ignition, violent or explosive reactions can occur between methan and oxidizing agents.
- Explodes spontaneously on mixing with chlorine dioxide.

HEALTH HAZARD

- Methane is non-toxic. However, it can act as an asphyxiate by displacing air.

FIRST AID

- Inhalation: Remove to fresh air. Quickly restore and/or support breathing.

RESPIRATORY PROTECTION

- Provide adequate general and local exhaust ventilation.
- Provide air supplied or self-contained breathing equipment for emergency or nonroutine situations where methan level is excessive.

METHANE IS NATURALLY OCCURRING IN WASTEWATER

TEST

QUESTION	ANSWERS	
	TRUE	FALSE
1 There is no PEL established for Methane.	<input type="checkbox"/>	<input type="checkbox"/>
2 Any respirator will work with Methane.	<input type="checkbox"/>	<input type="checkbox"/>
3 Methane has an odor.	<input type="checkbox"/>	<input type="checkbox"/>
4 Wear an SCBA or air supplied respirator when working around high levels of methane.	<input type="checkbox"/>	<input type="checkbox"/>
5 You can not perform hot work around methane unless you have made sure that the atmosphere is clear first. Hot work permits are required.	<input type="checkbox"/>	<input type="checkbox"/>
EMPLOYEE'S NAME	EMPLOYEE'S SIGNATURE	DATE
INSTRUCTOR'S NAME	INSTRUCTOR'S SIGNATURE	DATE

1. True 2. False 3. False 4. True 5. True