

EMPLOYEE TRAINING RECORD

TRAINING TITLE **Materials Storage - Flammable and Combustible Solids and Powders**

KEY TEACHING POINTS

- **Risks**
 - **Fire from explosion caused by dust build-up**
 - **Fire from a chemical that is reactive and wet**
- **Warn workers and visitors about the hazards and the precautions to take.**
- **Ensure all recommended fire fighting equipment is available.**
- **Keep dust level below the lower explosive limits by using proper ventilation.**
- **Keep a scheduled cleaning program which includes structural cleaning and elimination of dust from areas where it can collect and later be circulated.**
- **Store materials in fire-resistant bins or cabinets when practical.**
- **Space stored materials to allow inspection, and to prevent heat buildup and spread of fire from smouldering materials. Some materials will burn without a visible flame and produce colorless, odorless gases.**
- **Use spark-resistant tools.**
- **Ensure all conductive (metal) equipment is grounded and any plastics used do not create static electrical sparks.**
- **Do not sweep with a standard broom. Use a wet mop instead.**
- **Do not use standard vacuum cleaners. Use commercial cleaners with high efficiency air (HEPA) filter and sealed motors or use a dust collection system.**
- **Do not operate electrical or gas powered equipment. A spark may cause a fire.**

TEST

QUESTION	ANSWERS	
	TRUE	FALSE
1. Fire is the major risk of storing flammable and combustible solids and powers.		
2. Keep dust levels below the lower explosive limits.		
3. Sweep up dusts regularly.		
4. Store materials in fire-resistant bins or cabinets.		
5. Use standard vacuum cleaners to clean up.		
EMPLOYEE'S NAME	EMPLOYEE'S SIGNATURE	DATE
INSTRUCTOR'S NAME	INSTRUCTOR'S SIGNATURE	DATE

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