

JOB HAZARD ANALYSIS

Safety Information for Southern Illinois University Edwardsville

FACILITIES MANAGEMENT

SELECTING/HANDLING/TRANSPORTING/STORING FUEL CONTAINERS OR HAZARDOUS CHEMICALS

General Precautions: Exposure to fuel, fuel additives, and hazardous chemicals can result in acute or long-time health effects, and pose a risk for fire, hazardous and explosive atmospheres, and environmental contamination. Exercise extreme caution while handling fuels and hazardous chemicals and wear suitable PPE at all times.

TASK	HAZARDS	CONTROLS
Select and inspect container	Leaks due to incompatibility	Ensure that container construction and material is compatible with fuel or chemical. Where possible use color coded fuel containers, red for gas, blue for kerosene, yellow for diesel, and green for oils. Always label containers and NEVER REUSE FOOD CONTAINERS.
	Leaks due to puncture or rupture	Use sturdy containers manufactured for the purpose of storing fuels or chemicals. Avoid brittle materials such as glass for chemicals. For flammable fuels SIUE requires the use of OSHA approved safety cans for general use and storage. DOT approved cans are required for fuels used in transportation on public roads and highways.
	Leaks due to age and wear.	Frequently inspect container, self closing lid and pressure relief mechanism for damage. Replace damaged containers.

	2. Handling and transporting containers	Exposure to fuel, additives and hazardous chemicals.	Dispense fuels and hazardous chemicals in safe, uncrowded, well ventilated space. Wear eye protection and gloves. Clean up small fuel spills (< 1 gallon). With larger spills contact EM&S.	
		Container failures during transport.	Safely secure containers inside vehicles during transport.	
	3. Storing containers.	Fire and rupture.	Store containers away from heat and sources of ignition. Store containers away from machinery and mobile equipment.	
	Required Training:		Required Personal Protective Equipment (PPE)	
			1) Gloves 2) Safety Glasses 3) Work boots meeting the requirements of the Facilities Management safety shoe program	
Other Information: Contributors: Created: JHA Library Number:	SIUE Hazard Analysis Committee Daft Jan 2016r (EM&S will insert number here, if applicable)			
For more information about this JHA, contact Emergency Management and Safety, Campus Box 1657, (618) 650-3584 • www.siu.edu/emergencymanagement				