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Subject	Fuel System Safety		

Subject: Fuel Safety Precautions

- INTENDED AUDIENCE: Faculty teaching in shops, facilities staff, public safety, and students working in shops.
- PURPOSE: To guide Montgomery College Faculty, Staff, and Students on simple steps to ensure safe fueling operations.

POLICY

Vehicle and equipment fueling procedures and practices are designed to minimize the discharge of polluted stormwater into surface or groundwater. Understanding the procedures for delivering fuel into vehicles, mobile fuel tanks, and storage tanks is critical for this purpose. Safety is always the priority. These procedures are to be implemented at all maintenance yards with fueling, including mobile fueling operations.

Storage Guidelines

When storing fuel, keep it safe by not smoking around it and sealing the container tightly. Pour fuel outside in an open area using a spout or funnel to avoid spills. These simple steps ensure everything stays safe when dealing with fuel storage.

Handling Procedures


When you are handling fuel, here’s what you should do to keep things safe:


- Use approved containers to avoid leaks.
- Don’t start a siphon with your mouth; use a pump or hose instead.
- Never walk away from the fuel pump while refueling.
- Keep a fire extinguisher close.
- Check that the fill valve is open.
- Stop transferring fuel before it overflows.
- Don’t overfill mobile refueling tanks or vehicle fuel tanks.
- Do not add fuel if the engine is still hot; let it cool down before fueling.
- Do not fuel near heat sources and open flames. Never light a match or smoke around gasoline.

Maintenance Measures

Maintenance measures focus on ensuring safety through careful planning and regular actions:

- Plan the work area for safety.

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<ul style="list-style-type: none"> • Ensure proper ventilation in fuel storage areas. • Check emergency equipment functionality regularly. • Conduct ongoing training for fuel handling personnel. • Perform final safety checks before completing maintenance tasks. • Update safety documentation regularly. • Fueling areas and storage tanks shall be inspected monthly. • Any equipment, tanks, pumps, piping, and fuel dispensing equipment found to be leaking or in disrepair must be repaired or replaced immediately. 			
<h3>Safety Equipment</h3> <p>Ensure safety while storing and moving fuel with the following safety gear:</p> <ul style="list-style-type: none"> • Wear high-visibility, fire-resistant clothes. • Use safety footwear. • Keep spill response kits nearby, and keep an ample supply of spill cleanup material onsite. • Use grounding equipment to prevent static electricity. • Utilize approved fuel transfer pumps. 			
<h3>Emergency Protocols</h3> <p>In case of a fuel-related emergency, follow these steps:</p> <ul style="list-style-type: none"> • Evacuate the area immediately. • Notify nearby individuals about the trouble. • Call emergency services and public safety. • Block off the affected area. • Use emergency tools if needed. • Follow emergency plans. • Provide first aid if necessary. • Cooperate with authorities. • Uncontained spills are to be cleaned using dry cleaning methods only. Spills shall be cleaned up with a dry, absorbent material (e.g., kitty litter, sawdust, etc.) and absorbent materials shall be swept up. 			

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