



Combustible  
Liquids

## eSafetyLine

### **“Fill-Er Up” How To’s**

Gasoline is a necessary blessing and evil at every worksite; truck, heavy equipment, portable generators (to name a few) all run on it. Because it is such a common occurrence in every day life, we tend to forget just how dangerous it is. The fumes from gasoline can ignite at temperatures as low as 45°F below zero, this makes refueling safety a priority.

Some things to remember when refueling, whether on the job or at home:

- Keep your mind on the task at hand. If you’re distracted while pouring gasoline, you run the risk of over-filling and spilling gasoline.
- NEVER smoke during refueling! It isn’t the liquid gas that will ignite but the fumes that the liquid gives off. This means the lit cigarette doesn’t have to be near the gasoline for it to catch fire.
- Keep either a CO<sub>2</sub> (carbon dioxide) or an ABC Dry Chemical extinguisher within 25 feet of any refueling operation. Having it closer than 6 feet would be ideal.
- Never refuel near work being done with an open flame or near a sparking situation. A fire or explosion can result from the fumes coming in contact with an ignition source.
- Always be certain that both the fuel dispensing tank and the equipment being refueled are BOTH grounded. This will prevent a sparking issues

- Don't overfill the tank, especially on hot days. At high temperatures gasoline will expand and eventually overflow. Always leave enough space to allow for expansion of the gasoline and tilting of the equipment.
- If it is possible for a vehicle to accidentally roll during refueling, chock the wheels
- Before refueling, always shut the engine off and allow it to cool if necessary.
- When refueling is complete be sure gasoline is drained from the hose and check for any spills. If a spill exists be sure to clean it up immediately.

Refueling is a necessary part of every day at every worksite. This makes it vital that the operations be conducted in as safe a manner as possible. Remember- if gasoline explodes you won't be the only one that ends up dead!

### **Discussion Questions**

Why can't you smoke while refueling a piece of equipment?

Why isn't it a good idea to refuel a tank right up to the top?

# MEETING / TRAINING ATTENDANCE ROSTER

COMPANY: \_\_\_\_\_

\_\_\_\_\_ SAFETY MEETING

JOB/DEPT: \_\_\_\_\_

\_\_\_\_\_ SAFETY TRAINING

DATE: \_\_\_/\_\_\_/\_\_\_\_\_

TIME: \_\_\_\_\_

TOPICS ADDRESSED: \_\_\_\_\_

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## EMPLOYEE'S SIGNATURES

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EMPLOYEE SUGGESTIONS AND RECOMMENDATIONS: \_\_\_\_\_

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ACTION TAKEN: \_\_\_\_\_

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Supervisor's Signature

\_\_\_\_/\_\_\_\_/\_\_\_\_  
Date

\_\_\_\_\_  
Safety Coordinator's Signature

\_\_\_\_/\_\_\_\_/\_\_\_\_  
Date