

**Discussion Leader:**

**Attendance Sign- In:**

### Summary

Gasoline when harnessed properly serves as a vital source of energy. Treated carelessly, it can become an explosive monster. Many people are killed or seriously injured each year because they did not treat gasoline as a potential killer. Today we will discuss how you protect yourself from being injured or causing a fire or explosion.

### Guide for Discussion

#### *Gasoline Facts*

- Gasoline doesn't burn. It's the gas vapors that burn.
- Gas vapors are heavier than air. As a result, they collect in low areas.
- Any type of spark can ignite gas vapors.
- Gasoline should never be allowed to come into contact with your skin. Immediately clean the area contacted.
- Don't use it as a solvent for cleaning tools or parts.

#### *Storage*

- Always store in approved safety cans. Insure the can has proper labeling (i.e., Flammable plus the type of fuel such as gasoline.)
- Always mark the storage can "GASOLINE - NO SMOKING"
- Remember, an empty can is more dangerous than a full one (because of the gas vapors).
- Always flush out empty cans.
- Keep all containers tightly closed.

#### *Transferring Gasoline*

- Never transfer gasoline from one container to another in an area where there is any chance of ignition.
- Clean up any spills immediately. It is a safety, health and environmental hazard.
- Be wary of static electricity. Always use grounding straps when fueling from an above ground tank.

### Additional Discussion Notes:

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### Remember

Working around or with gasoline is like working around dynamite. Only the gasoline, if improperly handled, can be more dangerous. Remember the safety rules for handling gasoline; and use your common sense.