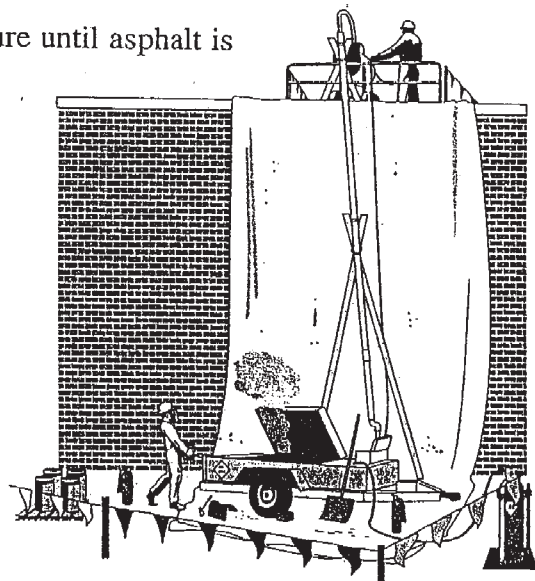




Kettle Operations - Set-Up and Start-Up

- ☛ Position the kettle carefully in relation to the building and pedestrians.
 - Try to keep the kettle away from windows, air intakes, and exit doors.
 - In the vicinity of an air intake, consider covering the intake with plastic. Remember to alert the building maintenance department before this is done.
 - The kettle lid should open away from the building.
 - Keep the kettle lid closed whenever you're not loading asphalt so that not as many fumes are released.
 - Barricade the kettle area if pedestrians have access to the area.
- ☛ Position the kettle in the most stable location.
 - Locate an area where the ground is level and firm.
 - Sand, loose dirt, or uneven ground may allow the kettle to shift and possibly tip or spill.
 - Chock the wheels of the kettle to prevent movement.
- ☛ Always wear the proper personal protective equipment (PPE).
 - Long pants without cuffs should come over the tops of sturdy work boots.
 - Long sleeved shirt cuffs should button over the cuffs of appropriate gloves.
 - Eye and face protection must be provided by a face shield attached to a hard hat. Safety glasses or goggles under the face shield will provide additional protection.
- ☛ Be careful and precise when lighting the burners.
 - Always read and follow the manufacturers' recommendations.
 - Don't use matches or lighters - if the kettle is not equipped with an auto-light feature, then use a spark generator.
 - Start the burners slowly, and gradually increase the temperature until asphalt is free-flowing around the tubes.
 - Make sure that "pull out" burners are aimed directly down the tubes so that the tubes do not get warped or cracked.
 - Inspect the connections on the propane tanks and kettles.
- ☛ Several simple precautions can prevent fires.
 - During refueling, shut off engines and don't allow anyone in the area who is smoking.
 - Flammable and combustible materials should be kept at least 10 feet away from the kettle.
 - Propane tanks need to be upright and secured.
 - There should be at least two ABC fire extinguishers in the area - but not stored on the kettle.



Kettle Operations - Set-Up and Start-Up Training Tips

- Demonstrate the proper way to light a kettle.
- Show the employees the various types of kettles that belong to your company, and point out any features that differ from kettle to kettle.
- Take employees to the outside of a building and ask them to decide on the perfect spot for a kettle and explain why.
- Ask for stories or experiences with kettles to demonstrate the need for safety measures.