

The James Myers Co., Inc.



TOOLBOX TALKS

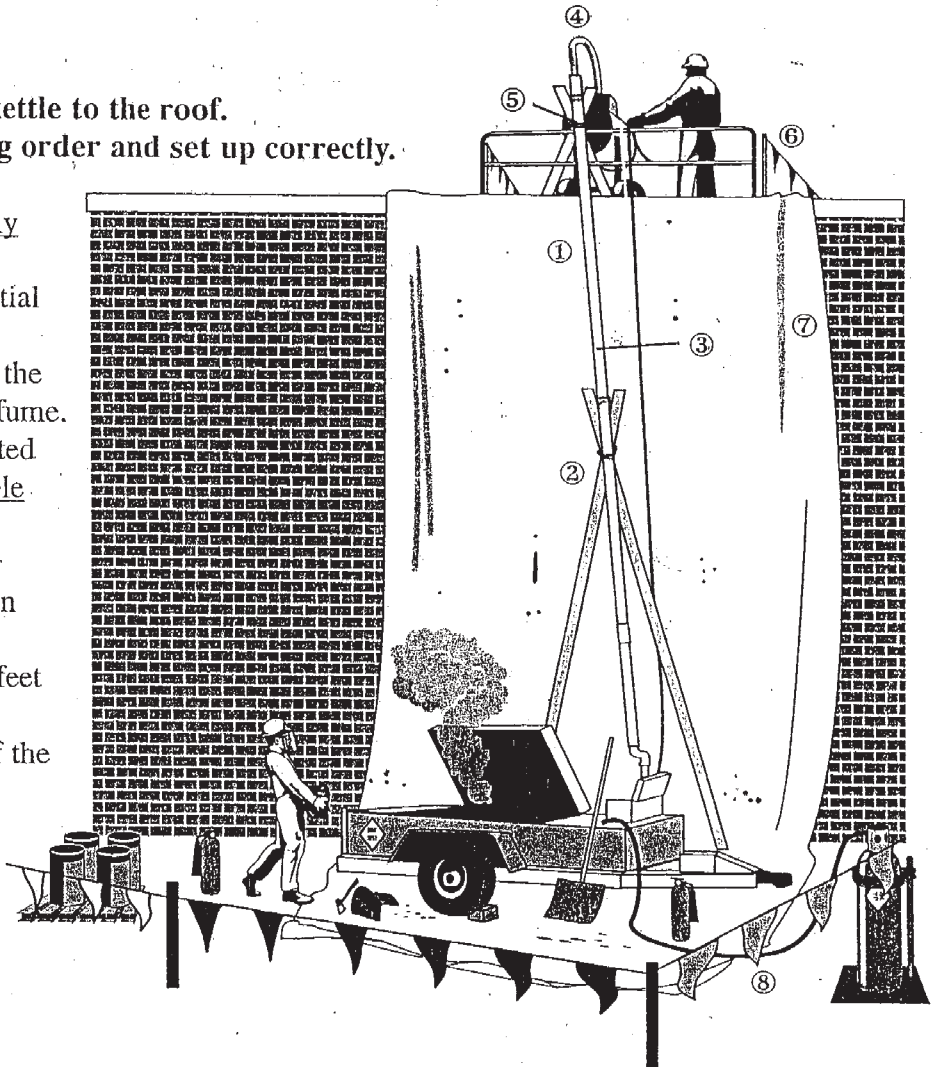
Week 26

NATIONAL ROOFING CONTRACTORS ASSOCIATION • CNA COMMERCIAL INSURANCE

The Hot Pipe

The hot pipe moves the hot from the kettle to the roof.
It must be maintained in good working order and set up correctly.

- ① Hot pipes should be set up as vertically as possible to avoid bowing.
- ② Pipes that must be extended a substantial distance should be supported.
- ③ Insulating the pipes helps to maintain the proper temperature and control excess fume.
- ④ The end of the pipe should be connected to a 120-degree elbow pipe and flexible discharge hose.
- ⑤ Tie off the pipe to a guardrail or other support immediately after placing it on the roof.
- ⑥ Guardrails should be erected at least 4 feet (1.2 m) on either side of the pipeline.
- ⑦ If possible, drape a tarp on the side of the building next to the pipe.
- ⑧ Barricade the area below to prevent people from walking into the area.



Additionally:

- ☞ Make sure the pipes are clean and dry and all unions are secure and in good condition.
- ☞ Always disconnect pipes before cleaning them with a propane torch. If you heat them when they're connected the pressure will build up and the pipes can explode.

Hot pipes eliminate the problem of how to get hot asphalt to the roof quickly. The system will provide the amount of asphalt you need, when you need it, with a minimal amount of hassle. Maintain the pipes well and make sure they are securely connected to each other and to the guardrail on the roof. If you do these things, and follow the other items listed in this Toolbox Talk, then you will be able to get all of the hot that you need while minimizing the risk of personal injury or property damage.

The Hot Pipe Training Tips

- Show the crew how the pipes are assembled and tied off to the guardrail on the roof.
- Demonstrate how to properly clean a section of pipe.
- Ask the following questions:
 - Why do the pipes need to be set up as vertically as possible?
 - Why can't you clean the pipe with a propane torch without disconnecting the sections of the pipe?
 - What measures should you take to protect the building and nearby pedestrians?