

NRCA Safety Manual
 Chapter Twenty:
 Kettles and Tankers Checklist



NATIONAL ROOFING CONTRACTORS ASSOCIATION Y **CNA COMMERCIAL INSURANCE**

	Pre-job		
1.	Will this project require the use of a kettle or tanker to supply hot asphalt to the roof?	Y	N
2.	Can hot asphalt be pumped to the roof?	Y	N
3.	Will it be necessary to place the kettle on the roof?	Y	N
4.	Do state and local ordinances allow kettles to be placed on the roof?	Y	N
5.	Have all employees been trained in hot asphalt safety including fire extinguisher use?	Y	N
6.	Do all kettles and tankers have proper DOT marking with the word "HOT" and numbers "3257" in a white diamond with black lettering?	Y	N
7.	Have kettle and tanker burners, gauges, valves and hoses been inspected for defects prior to the start of the project?	Y	N
8.	Have provisions been made for a sufficient supply of fire extinguishers for the project and have they been inspected prior to the start of work?	Y	N
9.	Are hard hats and face shields available for kettle operators?	Y	N
10.	Are the local fire department emergency telephone number and telephone numbers of key company and building personnel available to workers assigned to the project?	Y	N
11.	Do drivers of tankers or trucks towing kettles have proper drivers' licenses including CDLs and endorsements?	Y	N

12.	Have workers reviewed the NRCA video <i>Asphalt Fumes: Keep It Down?</i>	Y	N
Job-in-progress			
13.	Are kettles and tankers set up properly on firm level ground away from windows, doors or HVAC air intakes?	Y	N
14.	Are propane tanks secured at least 10 feet away from the kettle burner?	Y	N
15.	Are propane tanks, kettle valves and pumps secured to prevent tampering when the project shuts down for the day?	Y	N
16.	Are procedures in place to check the kettle or tanker for moisture on a daily basis and to inspect valves, hoses and burners prior to lighting?	Y	N
17.	Are burners lit outside of the well using a spark igniter?	Y	N
18.	Is the kettle loaded by breaking up kegs of asphalt into small chunks rather than placing full kegs into the kettle?	Y	N
19.	Are kettle temperatures maintained at a minimum 25 F below the flash point of the asphalt that is being heated?	Y	N
20.	Are heating tubes completely covered?	Y	N
21.	If a hot pipe is used, is it insulated and tied off to a guardrail at the discharge end on the roof?	Y	N
22.	Is the hot pipe set up in a vertical position to prevent bowing?	Y	N
23.	Is the area below the hot pipe barricaded to prevent access by other workers and pedestrians?	Y	N
24.	Are the burner, valves and tanks secured at the end of the day to prevent theft, fuel discharge and fire?	Y	N

25.	Do workers handling hot asphalt have proper personal protective equipment (gloves, long-sleeved shirt, cuffless pants and heavy work boots)?	Y	N
26.	Is the kettleman wearing a hard hat, face shield and goggles?	Y	N
	Post-job		
27.	Prior to transport, have all kettle and tanker valves, lids and covers been secured?	Y	N
28.	Have all propane cylinders been shut off and secured for transport?	Y	N