



EDINA BUILDING SAFETY POLICY/INFORMATION <sub>1</sub>			
Roofing Operations with Asphalt (Tar) Kettles		2015 MFSC 303	
subject		code reference	
Fire Department		<i>Tom M. Schmitz</i>	
department		approval	
SP-016-F <sub>2</sub>	08/28/2017	07/08/14	1 of 1
policy number	revision date	effective date	page number
1. All Building Safety sheets adopted by Fire Department and Inspections Department.			
2. Sheet numbers with B suffix developed by Inspections Dept. Sheet numbers with F suffix developed by Fire Dept.			



**Purpose:** Provide roofing contractors with the fire code requirements for using asphalt kettles and tankers at roofing operations in the City of Edina.

**Scope:** Below is a reprint of the 2015 Minnesota State Fire Code (MSFC) Section 303 on Asphalt Kettles. A copy of this information sheet shall be attached to the permit and a copy shall be on the job site. For any questions regarding the Fire Code and placement of the Asphalt Kettles contact the Edina Fire Prevention Bureau at 952 826-0339. Contractors are required to apply for a Roofing Operations Permit and meet an Edina Fire Inspector at the job site for compliance with the MSFC prior to issuance of the building permit. Contractors found in violation of Section 303 of the 2015 MSFC may be issued a citation and stop work orders may be issued.

### SECTION 303 – ASPHALT KETTLES

- 303.1 Transporting.** Asphalt (tar) kettles shall not be transported over any highway, road or street when the heat source for the kettle is operating.  
**Exception:** Asphalt (tar) kettles in the process of patching road surfaces.
- 303.2 Location.** Asphalt (tar) kettles shall not be located within 20 feet of any combustible material, combustible building surface or building opening (doors, windows, ventilation openings) and within a controlled area identified by the use of traffic cones, barriers or other approved means. Asphalt (tar) kettles and pots shall not be utilized inside or on the roof of a building or structure. Roofing kettles and operating asphalt (tar) kettles shall not block means of egress, gates, roadways or entrances.
- 303.3 Location of fuel containers.** Fuel containers shall be located at least 10 feet from burner.  
**Exception:** Containers properly insulated from heat or flame are allowed to be within 2 feet of the burner.
- 303.4 Attendant.** An operating kettle shall be attended by a minimum of one employee knowledgeable of the operations and hazards. The employee shall be within 100 feet of the kettle and have the kettle in sight. Ladders or similar obstacles shall not form a part of the route between the attendant and the kettle.
- 303.5 Fire Extinguishers.** There shall be a portable fire extinguisher complying with Section 906 and with a minimum 40-B:C-rating within 25 feet of each asphalt (tar) kettle during the period such kettle is being utilized. Additionally, there shall be one portable fire extinguisher with a minimum 3-A:40-B:C rating on the roof being covered.
- 303.6 Lids.** Asphalt (tar) kettles shall be equipped with tight-fitting lids.
- 303.7 Hi-boys.** Hi-boys shall be constructed of noncombustible materials. Hi-boys shall be limited to a capacity of 55 gallons. Fuel sources or heating elements shall not be allowed as part of a hi-boy.
- 303.8 Roofing kettles.** Roofing kettles shall be constructed of noncombustible materials.
- 303.9 Fuel containers under air pressure.** Fuel containers that operate under air pressure shall not exceed 20 gallons in capacity and shall be approved.

**Definition: Hi-boy.** A cart used to transport hot roofing materials on a roof.