

UHFMO requirements for torch applied roofing.

1. Apply for open flame permit. UHFMO
2. <https://uh.edu/fls/common-resources/permits/>
3. Provide two portable fire extinguishers with a minimum rating of 4A, 20BC. All fire extinguishers shall have current service tags from a licensed fire extinguisher service company.
4. A person certified in "Torch Down Roofing shall be in attendance. Approved course of study will be the Certified Roofing Torch Application program (CERTA), provided by Midwest Roofing Contractors Association. (MRCA).
5. Certification card must not be more then (3) years old. Certification expires 3 years from date of issue and then it must be renewed.
6. There shall be a maximum of 5 torches in use on the roof, unless approved by UHFMO.
7. Maximum cylinder size for handheld torches shall not exceed 30lb capacity. Torch trolleys may be equipped with cylinders not to exceed 100 lb. gas capacity.
8. An Infrared Temperature Scanner shall be on the roof during the roofing operation.
9. Torches shall have properly installed stands or brackets that will keep the flame pointed up when the torch is set down.
10. Check LP- gas hoses for excessive wear or damage.
11. At the end of the day or cessation of torch operation there shall be a monitoring period of not less than 30 minutes. During this time, the infrared temperature scanner shall be used to determine any areas with temperatures in excess of ambient. Any area indicating a continuous rise in temperature shall be investigated for possible smoldering materials.
12. At the end of each day or torch operation the LP – gas cylinders shall have the hoses disconnected and the cylinder opening plugged and shall not be allowed to remain on the roof or other areas being constructed or repaired at the end of each day's work.

UHFMO requirements for asphalt kettle on roof.

1. Apply for open flame permit from UHFMO.
2. <https://uh.edu/fls/common-resources/permits/>
3. The kettle shall have a secondary containment pan. The secondary containment shall consist of a liquid tight pan capable of containing the volumetric capacity of the kettle being protected. The pan shall be constructed of sheet steel having a thickness of not less than 0.105(No. 12 Manufactures Standard Gage).
4. The LP gas cylinder shall not exceed 100lb gas capacity. Only one 100 lb. cylinder per kettle unless approved in advance by UHFMO in writing. Fuel containers shall be secured to prevent from falling over.
5. A trained attendant shall at all times be within 100 feet of the kettle when the heat source is operating
6. Two approved portable fire extinguishers with a minimum rating of 4A, 20BC shall be on hand during the roofing operation.
7. The kettle shall be kept at least 20 feet from any building opening or combustible materials.