

CITY OF HOLTS SUMMIT, MISSOURI

PRE CONSTRUCTION  
FLOODPROOFING CERTIFICATION FORM  
FOR  
PRESSURIZED AND FLAMMABLE LIQUID TANKS

This form must be completed by a registered professional engineer or architect. Submit this pre-construction certification with a Site Plan showing the number and location of tanks, and the Application for Flood Plain Development Permit. A post-construction certification is required when the project has been completed.

Name of Applicant \_\_\_\_\_

Name of Property Owner \_\_\_\_\_

Address of Development Site \_\_\_\_\_

Elevations (MSL/NGVD): (1) Development Site \_\_\_\_\_ (2) 100 Year Flood \_\_\_\_\_

(3) Floodproofing requirement (100 year flood elevation plus one foot): \_\_\_\_\_

Section 8-63.C.2. "Nonresidential Construction Standards" New construction or substantial improvement of any commercial, industrial, or other nonresidential structure shall either have the lowest floor, including basement, elevated to the level of the base flood elevation plus one foot or, together with attendant utility and sanitary facilities, be floodproofed so that below such a level the structure is watertight with walls substantially impermeable to the passage of water and with structural components having the capability of resisting hydrostatic and hydrodynamic loads and effects of buoyancy. The floodproofed structure shall not move, float, leak, collapse, nor be substantially damaged by water pressure, erosion, water current or debris loading.

Section 8-63.C.3. "Pressurized and Flammable Liquid Tanks" A tank located in a flood hazard area shall be installed so the tank, when full, partially full, or empty, will not float, move, leak or collapse during a rise in the water level up to the 100 year flood elevation plus one foot. Tank vents or other openings which are not liquid-tight shall be extended above the 100 year flood elevation plus one foot. Tank piers, footings, vent stacks and any other support, anchorage or mechanical attachments shall be installed with sufficient mass and to a depth sufficient to prevent movement or destruction by erosion, current or debris loading.

I CERTIFY that the pressurized and flammable liquid tanks proposed to be erected at the above-referenced location have been DESIGNED to comply with the Sections 8-63.C.2 and 8-63.C.3 of the City of Holts Summit Code, Flood Hazard Regulations.

(Seal)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name and Title

\_\_\_\_\_  
Firm Name

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
City, State, Zip Code