

**IN-SITU  
REMEDICATION SYSTEMS**

Components and pre-manufactured units mandated for oversight, in accordance with 2010 California Fire Code, pertaining to their placement, installation and operation.

This document is provided by the Fire Prevention Division as an overview for the install of in-situ remediation systems (the "unit") within the City of Ventura. It is a supplement to the detailed guidelines set forth in the 2010 California Fire Code.

**General Information**

- Contractor shall secure an installation permit through Fire Prevention prior to the start of on-site work.  
\* *Securing a permit requires the Contractor to submit documentation verifying that they possess a current State License (A, B, C-36, C-61/D-40), Workmen's Compensation Insurance, and City business license. In addition, all associated fees must be paid.*
- Contractor shall secure all associated permits\* as required prior to the start of on-site work
  - Plumbing/Mechanical – contact Construction Services at 805/654-7734
  - Electrical – contact Construction Services at 805/654-7734
  - Hazard Materials and Temp Fuel Tanks – contact Fire Prevention at 805/658-4717
  - Air Resources (Phase I & II Vapor Recovery) contact Ventura County APCD at 805/645-1401
- Contractor shall submit two (2) sets of construction plans to Fire Prevention for review.
- Construction plans shall be to scale and address at a minimum:
  - Details (type, size, configuration, etc.) of remediation technology and process being utilized.
  - Location of operating unit(s) along with associated piping/equipment;
  - With operating unit(s) as reference include building and property line setbacks;
  - With operating unit(s) as reference locate overhead and underground utilities within 100 ft.;
  - With operating unit(s) as reference locate both existing and intended hazardous material storage (tanks, containment, other) along with associated distribution lines within 100 feet;
  - Indicate (as applicable) type and location of security fencing, impact barriers, noise barriers, NFPA signage, along with associated fire extinguishing devices
- Contractor shall be responsible for ensuring that conditions on site provide for workplace safety, protection of the environment, and maintenance and integrity of nearby structures.
- Under no circumstances is the remediation unit to be activated or turned-on prior to signed approval from Fire Prevention.

**Specific Design and Installation Criteria (per 2007 CFC Chapters 34 & 27)**

- Any equipment, apparatus, or associated components utilized in the operating unit, whether prefabricated or assembled on site, shall be designed and constructed in accordance with nationally recognized standards (i.e., Underwriter's Laboratory). If such third party listing is not available, documentation demonstrating design and construction in accordance with that recognized standard shall be required.
- Operating unit having a portable fuel source (liquid or gas) shall meet the following minimum setbacks:

<u>Tank size (gal)</u>	<u>Property Lines (feet)</u>	<u>Right of Ways/Buildings/Tanks (feet)</u>
0-275	5	5
276-660	10	5

- Operating unit producing temperatures in excess of 125°F, by way of process or exhaust, shall be placed a minimum distance of 5 feet from all buildings, property lines, and combustible materials and vegetation.
- Placement of all items (as applicable) specified in General Information
- In accordance with SBMC Sections 10.650.160 and 14.050.120, the inspector is authorized to:
  - Terminate operation of, and
  - Require shutdown of any unit determined to be a nuisance (noise) or health hazard (emissions) to adjacent tenants, residents, and/or occupancies.