

## Tualatin Valley Fire & Rescue Explosive Blasting Permits



| <u>North Operating Center</u>    | <u>South Operating Center</u> |
|----------------------------------|-------------------------------|
| 11945 SW 70 <sup>th</sup> Avenue | 8445 SW Elligsen Road         |
| Tigard, OR 97223                 | Wilsonville, OR 97070         |
| Phone: 503-649-8577              | Phone: 503-259-1500           |
| Fax: 503-642-4814                | Fax: 503-259-1520             |

Tualatin Valley Fire & Rescue requires a permit to be issued for any type of explosive blasting conducted within District boundaries. **In order to receive a permit, a complete packet must be submitted at least 14 days prior to blasting.**

The packet must include the following:

1. **Oregon State Fire Marshal (OSFM) Certificate to Possess Explosives** in the State of Oregon.
2. **Blasting Plan** prepared in accordance with 2018 NFPA 495 and industry standards. It must include:
  - a. Explosives delivery information
  - b. Explosives storage information (magazine, location and responsible person)
  - c. Drilling information
  - d. Explosives products and loading information
  - e. Safety procedures
  - f. Directions for pre-blast notification and proper posting in area of work (350' minimum).
  - g. Verification of contact with city (if applicable), county, and local police or sheriff agency where work is being performed to determine if additional requirements apply.
  - h. Pre-blast survey of any structures, within 300' of the blast site unless the Blaster-in-Charge determines a greater distance is necessary.
  - i. A monitoring plan to identify how seismic monitoring will be conducted to ensure ground vibration does not exceed the maximum limit in 2018 NFPA 495 Figure 11.2.1 at the nearest structures or buildings.
  - j. Where seismic monitoring is not provided, explosive use shall be limited to the "scaled distance factors" at the nearest structure as identified in 2018 NFPA 495 Table 11.2.2.
  - k. Post blast monitoring and seismic report. Provide a copy to TVFR when requested.

*Note: Blasting operations shall be overseen by a Blaster-in-Charge qualified to perform such work.*

3. **Bond or insurance certificate** for the project in an amount not less than \$1,000,000. The Fire Marshal may determine that more coverage is necessary for certain projects.
4. **TVF&R Permit Application** obtained by:
  - a. Visiting our website at [www.tvfr.com](http://www.tvfr.com) (click on Online Resources)
  - b. Contacting the nearest Operating Center

For more information, contact TVF&R Fire Marshal's Office at 503-259-1500.