Scotts Valley Fire Protection District	
POLICY: 1706 DATE APPROVED: 8/12/2020 BOARD PRESIDENT:	SUBJECT: Engineer Job Description FIRE CHIEF:

ENGINEER

Job Description

REPORTS TO: Company Officer

SUPERVISES: Non-Supervisory Position

BASIC FUNCTION:

The Engineer shall, under the supervision of the officer in charge, be responsible for the condition and operation of apparatus to which they are assigned, and shall be held accountable for its readiness for service.

Primary duties will be to:

- Drive and operate apparatus in a manner consistent with safety and due regard for the welfare of the public and the district;
- Acquaint themselves with the topography, physical conditions, and other matters affecting response within the District's boundaries;
- Familiarize themselves with practices and procedures relative to water supply, fire streams, pump, motor, and other operations that will enable them to efficiently perform their duties; Respond to fire alarms, aid in the suppression of fires, operate pumper trucks, aerial trucks and other special emergency apparatus;
- Use fire hose, forcible entry tools (axes, bars, door openers, pike poles) and self-contained breathing apparatus;
- Administer first-aid, operate resuscitator and rescue equipment. Perform salvage operations with use of tarps, brooms, mops, shovels, etc;
- Maintain all fire equipment, apparatus, as well as fire stations, and station quarters. Issue fire permits;
- Assist and participate in fire prevention and public safety training programs, and departmental training programs;

- Study fire department rules and regulations, fire hazards, and fire fighting techniques; Perform other agency services such as voter registration;
- Participate in the pre-fire planning by inspecting and drawing floor plans of commercial and industrial buildings;
- May be required to respond to fire calls during non-duty hours;
- Perform related work as required.
- Under the supervision of the Company Officer, the firefighter will be a mentor and help with training the volunteers and PCF's

ENGINEER Step 1
CERTIFICATIONS AND QUALIFICATIONS:

- Shall have worked a minimum of one year as a *Firefighter Step 2* with the Scotts Valley Fire Protection District and met all requirements for Firefighter steps.
- Shall successfully complete the SCO Engineer Program: Special Operations, Pump Test, and Mechanics.
- Must possess and maintain a valid Class B California Driver License.
- Shall complete and have on record with the Training Officer the following course as outlined in the Career Development Guide before next step increase: S-212 (Wildland Fire Chainsaws)
- Maintain a current EMT certification or better.

ENGINEER Step 2
CERTIFICATIONS AND QUALIFICATIONS:

- Shall have worked a minimum of one year as an *Engineer* Step 1 with the Scotts Valley Fire Protection District and have met all the requirements for *Engineer Step 1*.
- Shall complete and have on record with the Training Officer, the following courses as outlined in the Career Development Guide before next step increase: One approved 40 hour Rescue class (Ex. Trench Rescue, Rescue Systems 1, or Confined Space Rescue Tech.) , and S-215 (Fire Operations in Wildland/Urban Interface).
- Must possess and maintain a valid Class B California Drivers License.
- Maintain a current EMT certification or better.

ENGINEER Step 3
CERTIFICATIONS AND QUALIFICATIONS:

- Shall have worked a minimum of one year as an *Engineer Step 2* with the Scotts Valley Fire Protection District and have met all the requirements for *Engineer Step 2*.
- Shall complete and have on record with the Training Officer the following courses as outlined in the Career Development Guide before next step increase: Instructor Methodology, IS-800B National Response Framework (FEMA-Online), and ICS-300 (Intermediate ICS).

ENGINEER Step 4
CERTIFICATIONS AND QUALIFICATIONS:

- Shall have worked a minimum of one year as an *Engineer Step 3* with the Scotts Valley Fire Protection District and have met all requirements for *Engineer Step 3*.
- Shall complete and have on record with the Training Officer the following courses as outlined in the Career Development Guide before starting the Acting Captain Program: Hazardous Materials On-Scene Commander, S-290 (Intermediate Wildland Fire Behavior).