

Sumpter Valley Railroad

Position: Fireman

Prerequisites: Meet all the prerequisites to enter train service.
Be a qualified conductor
Be a qualified hostler (may qualify as hostler at same time as qualifying for fireman)

Qualification Procedure: Have completed a minimum of 2 round trips with qualified fireman
Have completed a minimum of 6 round trips working only with qualified engineer
Demonstrate proficiency to Road Foreman of Engines or designee
Pass the written fireman's exam
Approval by Operations committee for promotion to fireman
(A minimum of two additional round trips and demonstrated proficiency on the #3 are required to be qualified as fireman on #3)

Duties: Fire the locomotive on the road, maintaining proper boiler pressure and water levels.

Maintain proper fuel and water supply levels.

When not actively firing, maintain a lookout for track defects, obstructions, switches, and anything that might affect the safety of the locomotive or train.

Re-qualification Requirements: A qualified fireman who has not worked in that position for two or more years must make a minimum of two round trips under the observation of the Road Foreman of Engines, or a person designated by them. Must also pass the current fireman's exam.

Sumpter Valley Railroad Student Fireman Evaluation

Student's Name: _____ **Date:** _____ **Number of trips:** _____

Fireman's Name: _____ **Engine:** _____

Task/Standard	Needs Training	Acceptable Progress	Competent	N/A
Appropriate Clothing/PPE				
Personal Equipment				
Engine inspection				
Proper stacking of cord wood (#3)				
Check fuel level and water levels in the tank and boiler.				
Proper use of blow down valve				
Proper chemical water treatment when taking on water.				
Control of fire while raising pressure				
Proper banking of fire (wood #3)				
Proper use of firebox door (opening/closing)				
Control of fuel, blower, and atomizer				
Proper -use of injectors				
Proper testing of water glasses				
Monitoring pressure gain				
Starting accessories air pump, generator				
Maintain proper boiler pressure, water level and smoke				
Proper use of bell				
Call out hazards track conditions to engineer				
Situational awareness while engine is in movement				
Situational Awareness – Cab safety				
Attitude - Teamwork				
Attitude - Taking Instruction				
Hours of service documentation				

Must complete 8 round trips minimum for advancement (additional 2 round trips on #3)

Number of trips completed: _____

Qualified Fireman's Signature

Recommend for advancement

Student Signature