Yurok Tribe
Job Description

**JOB TITLE:** Fire Engineer

**JOB GRADE:** 8/9  
**REPORTS TO:** Battalion Chief/Fire Captain

**STATUS:** Non-Exempt  
**LOCATION:** Tulley Creek

**DEPARTMENT:** Fire  
**DIVISION:** Public Safety

**SALARY RANGE:** $24.88-$35.53

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**POSITION SUMMARY:**
Under direct supervision of the Battalion Chief and/or the Engine Captain, this position will assist in all aspects of wild land and prescribed fire operations including preparation, ignition, monitoring, holding, mop-up, and rehabilitation. Fire Engineer will perform tasks to control and extinguish wildfires as needed. Will oversee others in the performance of a variety of projects such as tree removal, hazard fuel reduction, and prescribed burning. This is a uniformed position.

**DUTIES AND RESPONSIBILITIES:**
2. Collects fire weather data, fuel and/or soil samples, map projects, and maintains appropriate records, including fire reports.
3. Prepares maps of fire perimeter to report fire progress over time.
4. Observes and reports smoke transport and potential impacts on fire on resources and safety of personnel.
5. Serves as Prescribed Fire Monitor, collecting and evaluating weather, fuels, topography, and fire behavior data for prescribed and wild land fires.
6. Performs hazard fuel reduction projects that entail mechanical and/or prescribed fire removal of vegetation through use of chainsaws, fires, etc.
7. Evaluates observed conditions and problems, makes preliminary determinations on the cause of problems noted, and provides results to higher-level personnel for analysis.
8. Serves as an Ignition Specialist (RX1 or RX2), Field Observer, Squad Boss or as a holding or ignition crewmember on wild land and prescribed fires.
9. Operates four-wheel drive pickup trucks and fire engines, portable pumps, chain saws, and other common fire equipment.
10. Personally, performs tasks to control and extinguish wildfires as needed.
11. Responsible for vehicle logs, maintenance and upkeep of all vehicles, equipment, or other forestry and fire related gear.
12. Performs other related duties as assigned.

**EDUCATION/EXPERIENCE:**
1. G8: Bachelor’s degree in related field with two years job specified experience.
2. G9: Bachelor’s degree in related field with three years job specified experience.
3. Employee must be willing to acquire any special certifications or attend any training that is determined to be relevant or becomes required of the position in the future.
4. Candidates with equivalent combinations of education, training and experience will be considered.
MINIMUM QUALIFICATIONS:
1. Must be 18 years or older, required.
2. Basic 32 Fire Training and required refresher training.
3. Chainsaw FALA/B Certificate.
4. Current First Aid and CPR Certification.
5. Knowledge of technical firefighting (FFT-1 required training).
7. Familiarity with computers, including word processing and spreadsheets.
8. Ability to communicate effectively.
9. Sufficient physical strength and dexterity to accomplish fieldwork (Work Capacity Test-Arduous).
10. Demonstrable ability to use originality and good judgment in adapting accepted practices and procedures required to accomplish specific tasks under changing or unexpected circumstances.
11. Skill and experience operating and maintaining vehicle during extreme weather conditions.
12. Recognition that in order to serve Yurok People one must know as much as possible about Yurok history, culture and values.

SUPERVISORY RESPONSIBILITIES:
This position has no direct supervisory responsibilities.

CONDITIONS OF EMPLOYMENT:
1. All applicants are subject to the Tribe’s Drug and Alcohol Policy including pre-employment screening.
2. Valid state issued driver’s license and/or the ability to obtain a California driver’s license. Must be insurable on the Tribe’s insurance policy.
3. Must pass a background investigation and fingerprint clearance.

WORK ENVIRONMENT:
The work environment temperature can fluctuate between 40-110 degrees Fahrenheit due to terrain while fighting a fire. The job will require inside but mostly outside activities. There are many distractions, and the noise level can escalate. The terrain can be steep, rugged, and treacherous.

LANGUAGE SKILLS:
Must have the ability to read, write and comprehend simple instructions, short correspondence, and memos. With ability to effectively present information in one-on-one and small group situations to customers, clients, and other employees of the organization. Knowledge of Yurok language is preferred but not required.

REASONING ABILITY:
Apply common sense understanding to carry out instructions furnished in written, oral and/or diagram form. With ability to deal with problems involving several concrete variables in standardized situations.

PHYSICAL DEMANDS:
While performing the duties of this job, the employee is frequently required to walk, stand, use hands and fingers, handle, or feel. Employee will have prolonged periods of standing and constant movement. The employee must lift and/or move up to 50 pounds often.

VISION REQUIREMENTS:
1. Close vision (clear vision at 20 inches or less).
2. Color vision (ability to identify and distinguish colors).
3. Depth perception (three-dimensional vision, ability to judge distances and spatial relationships).
4. Ability to adjust focus (ability to adjust the eye to bring an object into sharp focus).
I, ______________________________, (print name), acknowledge receiving a copy of this job description and understand the requirements. This job description’s duties, responsibilities and activities may change, or new ones may be assigned at any time with or without notice. I also understand that, as an employee, I am expected to perform my assigned duties, to read and abide by all Yurok Tribal laws, policies and procedures, vehicle usage, procurement, and any additional guidelines set forth by the Yurok Tribe. I understand that any violations of all established policies and procedures may lead to disciplinary measures, up to and including termination. I understand that the Yurok Tribe is committed to the philosophy that employment relationships are both personal and voluntary. Accordingly, employment at the Yurok Tribe has no specific duration, and either the employee or the Yurok Tribe can terminate the employment relationship for any reason or no reason. This “at will” relationship exists between the Tribe and all employees.

_________________________________________________        ________________ ____________  
Employee Signature                                 Date   Employee #

_________________________________________________ ________________  
Supervisor Signature      Date