INFORMATION HANDOUT

For Contract No. 08-1F4604

08-SBd-330-R29.0/44.1

Identified by

Project ID 0814000228

PERMITS

U. S. Forest Service Construction Permit

California Inter-Agency Burning Permit

Project Activity Level Variance Check List

INERTIAL PROFILING DATA

Inertial Profiling Data Electronic Files

United States Department of Agriculture
Forest Service
San Bernardino National Forest
Front Country Ranger District
1209 Lytle Creek Road
Lytle Creek, CA 92358
909-382-2851 (Voice)
909-887-8197 (FAX)
909-383-5783 (TTY)

File Code: 08-1F4604

Date: May 27, 2015

Mike Ristic
Cal Trans Project Manager

(This Permit applies to Caltrans and all personnel under contract with Caltrans)

Thank you for requesting a permit to conduct repairs on the Highway 330 right of ways within the Forest Responsibility Area (FRA) of the San Bernardino National Forest. The San Bernardino N.F. recognizes Highway repair as necessary for the safe passage of roadway commerce. While this is not a burning operation, it is regulated under the Public Resources Code (PRC) 4427 which regulates the use of machinery in FRA lands where burning permits are required. Under this section the U.S. Forest Service, San Bernardino N.F. can authorize these operations on FRA lands as long as the minimum Fire Prevention requirements are met. This letter serves as a permit for this project.

***This permit shall be Valid from January 01, 2015 to December 31,2017. This permit can be modified or suspended during periods of High Fire Danger based on Project Activity Levels.**

* Any cutting, welding, grinding or Mechanical operations shall be completed by the time frame given within the Pal to take advantage of the best available working conditions. This time schedule can be adjusted or modified with approval from the San Bernardino Forest.
* If the weather within the operational times becomes hot and dry or there is a predicted Santa Ana wind event the operation will be re-evaluated and or terminated until further notice.
* A minimum 1500 gallon water tender will be on site during cutting, welding, or grinding operations. The water tender shall be equipped with 300'of 1.5" cotton jacket rubber lined hose with 1.5" adjustable nozzle and be able to produce a minimum 100 psi. **Any fire activity requires immediate notification to FICC at (909) 383-5651.**
* Spark shields shall be used during cutting, welding or grinding operations to prevent sparks from reaching vegetation.

* Firefighting tools shall be readily accessible to crews performing welding or grinding repair operations. A sufficient number of shovels, McLeods, and axes will be on site so that personnel can be equipped to fight fire. A 5 gallon backpack pump or 2 each 2 ½ gallon pressurized water extinguishers shall be included with this equipment.
* All internal combustion machinery shall have an approved spark arrestor in place.
* The Caltrans Contractor or Sub-Contractor shall call (909)382-2600 after 4:00 p.m. for next day PAL Level information.
* **A copy of this permit shall be kept on site during all road repair and maintenance work.**
* This permit shall apply to Federal response lands only. Additional permits may be required by Local, state, or other federal agencies.

Christine Hill
Front Country District Ranger
(909)382-2860

STATE OF CALIFORNIA
DEPARTMENT OF FORESTRY AND FIRE PROTECTION

CALIFORNIA INTER-AGENCY BURNING PERMIT

LE-5 (REV. 6/98)

California Inter-Agency

BURNING PERMIT

No. 08-1F4601

ISSUED TO: Cal Trans/ Project Manager - Mike Ristic
(Print Full Name)

464 west 4th st. (Address) San Bernardino, Ca. 92401 (City or Town) (State) (Zip)

TELEPHONE NUMBER. _____ (Home) / 909-383-1026 (Work)

BURNING LOCATION: Highway 330 roadway rehabilitation project
(Street, Road or Other Description)

SEC. _____ TWP. _____ R. _____

COUNTY OF San Bernardino STATE OF CALIFORNIA.

Burning authorized by this permit hereby applies to:
(Check applicable block below)

- ☐ Burn in incinerator
- ☐ Burn debris in small 4' X 4' piles
- ☐ Burn small plots of grass or weeds in lots or residential premises
- ☐ Burn small parcels or strips for hazard reduction
- ☐ Set off fireworks

Burning shall be confined to hours _____ A.M. P.M. to _____ A.M. P.M.

This permit valid during period 2/24 (Month & Day) to 2/24, 2017 (Month & Day) (Year)

- ☐ AGRICULTURAL BURNING, CROP TYPE _____ ACRES/TONS _____
- ☒ OTHER (Explain) Industrial Welding, grinding, cutting etc. Mechanical and or Heavy Equipment Use.

THIS PERMIT IS SUBJECT TO THE TEMS AND CONDITIONS OF USE AS INDICATED

1. Permittee must not burn during very hot and dry periods when winds are strong enough that burning would be considered unsafe. (Example: wind keeps leaves in motion or extends a light flag or cloth.)
2. The fire shall be: (a) attended at all times by at least one prudent and responsible person; (b) confined within cleared firebreaks or barriers adequate to prevent it from escaping control.
3. When the burning operation authorized by this permit is in an incinerator: (a) a minimum clearance of 10 feet from all flammable material must be provided and maintained; (b) all openings must be screened with nonflammable material with holes not larger than ¼ inch; and (c) must be attended at all times by a responsible person until fire is dead out.
4. This permit does not relieve the permittee of any duty to use reasonable and ordinary care to prevent damage to the property of others or injury to persons as prescribed by law.
5. THIS PERMIT IS VOID DURING PERIODS WHEN BURNING IS PROHIBITED BY STATE LAW, LOCAL ORDINANCE, OR PROCLAMATION OF PUBLIC OFFICERS.
6. This permit is valid only on those days which are not prohibited by the State Air Resources Board pursuant to Section 41855 of the Health and Safety Code or by the local air pollution control district.
7. Before burning call (909) 382-2600 - Please contact the Federal Interagency Communication Center for the project activity level assigned to FDRA Area 660 and 665 PRIOR to Blasting, Welding, Grinding, Cutting, Vegetation Removal.

   For Air Pollution Control call _____
8. Additional terms: Have a minimum clearance of 30 feet to mineral soil. Have fire suppression equipment at site at all times. (See letterhea/3rd page for specific equipment information). Do not park or leave hot equipment unattended on or near vegetation. All hot work such as welding, cutting, grinding, vegetation removal, blasting site must be attended for a minimum of 1 hour after all hot work has been completed.

I own or legally control the above described land. I agree to comply with all fire laws, ordinances, and regulations. I further agree to comply with specific terms of this permit.

SIGNED: [signature] DATE: June 24, 2015

DIRECTOR OF THE CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION, AGENT

BY Jack Masters

TITLE Fire Prevention Technician 36 DATE 05/27/2015

ISSUING AGENCY USFS - CA-BDF DIST./BATT. Front Country Ranger District

SEE REVERSE SIDE FOR FURTHER INFORMATION

CAUTION YOU CAN BE HELD LIABLE FOR ESCAPED FIRES
VIOLATIONS OF ANY BURNING PERMIT TERMS ARE A VIOLATION OF STATE LAWS AND RENDERS THE PERMIT NULL AND VOID.

CDF FORM LE-5 (REV. 6/98)

Original (Green) to Ranger, Duplicate (Pink) to Permittee, Triplicate (Yellow) to Local File

ATTENTION, PERMITTEE!

BE FIRE SAFE!

THE FOLLOWING INFORMATION IS CALLED TO YOUR ATTENTION AND IS FOR YOUR PROTECTION

Air Pollution Rules and Regulations establish conditions when burning of the material for which this permit is issued may be allowed. Permittees should only burn on "BURN DAYS." Burn only those items for which this permit is issued.

Apparent violations of air pollution control observed by forest officers will be promptly reported to the local Air Pollution Control officer. Forest and fire protection officers of the Department will enforce fire law violations to prevent the occurrence of uncontrolled fire and violations from which an uncontrolled fire resulted.

You are cautioned that reasonable prudence requires careful consideration of: time, weather, place of starting fire, size of area and material to be burned, condition of firebreaks, number of adult persons required for control, adequate fire fighting tools. It is also important for you to understand that:

1. The object of legislation is to prevent fires, or have them controlled so that general and widespread disastrous consequences will not follow. It is not the object of legislation to protect persons from their own carelessness, but to protect the general public from such carelessness.

2. It is required by law that fire be used by you in such a manner as to minimize the possibility of damage to others. The law requires the application of good common sense and logical reasoning by persons using fire so that such fire does not escape control and do damage to others.

3. Uncontrolled fires are dangerous and expensive. It is a legal duty of every individual citizen to prevent and suppress uncontrolled fires.

4. It is a violation of law, and liability is imposed upon anyone who allows a fire to burn uncontrolled upon his lands, regardless of what may have caused it.

5. During the burning authorized by this permit, Forest Officers are instructed to immediately take whatever action is necessary to bring under control and suppress the fire if they find any of the following conditions existing:

   That, because of the violation of the terms of this permit the fire appears to be obviously out of control, or that it is burning with such magnitude it cannot be controlled by the facilities and personnel at hand, or that the fire will obviously escape control lines established, or that the fire has already escaped such control lines and is beyond the ability of the permittee to effect control.

6. The California Department of Forestry and Fire Protection is not a volunteer when it takes action to suppress a fire burning uncontrolled on lands in this State. It is compelled to take such action for the protection of the State's interests. When the California Department of Forestry and Fire Protection takes action to control a fire which is burning uncontrolled due to a breach of duty on the part of an individual, it is entitled to reimbursement for the public funds which were expended.

Permittees should not burn on days of unsafe weather conditions.

It is unsafe to burn during very hot, dry periods when winds are strong enough to keep leaves and small twigs in constant motion or to extend a light flag or cloth.

Project Activity Level Variance Check List

(California Department of transportation, Hwy 330 Roadway Rehabilitation project)

Project Name: Caltrans Highway 330 Roadway Rehabilitation
Contract Number: 08-1F4601
Purchaser/Contractor Name: Cal Trans
Period: Calendar Year 2015-2017
Units/Subdivisions Affected: N/A

Location of operation:	
Slope Aspect Elevation	10 percent or less at the site of the excavation South facing 3000'-4500'
Fuels on site	Grass, light brush, chaparral and chamise. Fuels types 1 and 4
Fuels in surrounding area	Same as the site
Long Range Forecast	Summer burning conditions, high temperatures, low humidity and gusty winds across the forest area. Rapid fire growth possible in and around Highway 330
Short range predictions (Red Flags)	Fire potential High. Red flag warning and fire weather watches possible.
Fuel Moistures	Low (< 21 percent). *Heaps Peak and Mill Creek RAWS, 10hr fuel stick, May, 2015.*
Response time of suppression resources	5-15 minutes
Potential for ignition RAWS location	There is moderate probability of ignition from construction equipment.
Current Fire Situation:	
Draw down information	Forest – Fluctuates
National Readiness Level	National - I, Southern GACC - II
Contractual considerations:	
Operating Season	
Recent equipment use fires in area	4 fires as a result equipment use Sierra Fire September, 2013 Sycamore Fire Fall, 2013 Keenbrook Fire Spring, 2013

Project Activity Level Variance Check List

(California Department of transportation, Hwy 330 Roadway Rehabilitation project)

	Devore Fire, Fall 2012
Type of operation	Road Construction/, paving, concrete work, structural work, and culvert work. Use of roadway and turnouts for equipment staging/ Heavy equipment operations.
Purchaser/Contractors past performance	Few past work related ignitions in the Highway 330 area, however, given the potential for large fire and fire history in the area, fire can threaten people, property and resources in a single burn period. The risk for large fires has increased due to current drought conditions.
Other site specific mitigation or precaution (i.e. Purchaser/Contractors proposals)	Mitigations covered down below
Social & Community Considerations:	
Proximity of high value resources	Highway 330 is a major mode of transportation for the Communities of Lake Arrowhead, and Big Bear. Also on the Southern end the Community of East Highland can be affected.
Sensitivity of location	Fuels are very conducive to fire due to prolonged heat and dry weather conditions. Situation is above the normal condition.

Remarks: Work on the Hwy 330 project is set to begin. While the Forest Service believes this project is important to both the economy of Southern California and to the safety of motorists, we feel it necessary to monitor the use of any equipment that may either spark or have the potential to create an ignition during all phases of the project. As of May 27, 2015 the PAL level throughout the San Bernardino NF is C. There is a significant chance that PAL levels could raise to D, or even Ev/E, if the current conditions continue and/or winds increase in speed and duration. The chance for the Pal levels to increase will continue as the project nears the height of the 2015 fire season. Also, the area of the project is notorious for Santa Ana Winds.

I have considered the above items and have determined the following actions must be implemented to continue operations in accordance with Project Activity Levels (PAL)

8/17/2015

Project Activity Level Variance Check List

(California Department of transportation, Hwy 330 Roadway Rehabilitation project)

For all PAL levels

- Contact Dispatch (909-382-2600) every afternoon after 1600 for the following day's PAL level and in the morning prior to any hot work which includes welding,(torch) cutting, grinding or brush mowing/chainsaw work, blasting, and vegetation removal.
- A fire start of any kind must be reported immediately to Forest Service Dispatch, (909-383-5651)
- During strong winds (sustained over 15 mph) or red flag conditions, activities within the project area with fire starting potential must cease until "Red Flag" conditions are terminated by the National Weather Service.

PAL Level A-C

- The area surrounding any hot work must be cleared of all flammable material for a minimum distance of 30'.
- Welding shields must be used to prevent airborne sparks from reaching flammable material
- Work area and surrounding vegetation is to be wetted in areas of activity.
- Lookouts with charged lines are to be posted at all times and remain for at least one hour after activity has concluded.
- Each charged line must be a minimum of 100' and be adjacent to the work area.
- Minimum of 1500 gallons of water must be available for initial attack and fire suppression at all times in each area where welding, cutting, grinding or brush mowing/chainsaw work is taking place.

PAL D

- Hot work operations, as mentioned above, are to cease at 1300.

PAL Ev

- Hot work can only occur with specific approval (in addition to all above).

PAL E

- There is to be no hot work.

[X] Fire Management Consulted_____
Name

[X] Line Officer Concurred_____
Name

District Ranger _____ Date_____

Front Country Division Chief _____ Date_____

Caltrans Project Supervisor _____ Date_____

_____ _____ Date_____
Contractor Signature

Reporting All Wildfires

8/17/2015

Project Activity Level Variance Check List

(California Department of transportation, Hwy 330 Roadway Rehabilitation project)

A. Contractor's employees shall report all fires as soon as possible but no later than 15 minutes after initial discovery to any of the following Forest Service facilities and/or personnel listed below, but not necessarily in the order shown:

	Name	Office Address and/or telephone	Forest/District
Dispatch Center	**FICC**	**909-383-5651**	**SBNF Forest Supervisor Office**
Nearest FS Station	City Creek (Station 38)		Front Country
Forest Patrol 31	Eric Solomon	909-225-4298	Lytle Creek R.S.
Forest Patrol 36	Jack Masters	909-835-6514	Lytle Creek R.S.
Forest Patrol 33	Marlene Rhynes	909-553-3349	Lytle Creek R.S.
Battalion 31	Scott Howes	909-269-2927	Lytle Creek R.S.
District Ranger	Christine Hill	909-382-2860	Lytle Creek R.S.

When reporting a fire, provide the following information;

Your Name;
Call back telephone number;
Project name;
Location;
Legal description (Township, Range, Section); and
Descriptive location (Reference point);
Fire Information;
Acres;
Rate of Spread; and
Wind Conditions.

B. **Contractor's Plan Regarding Personnel.** The Contractor shall, prior to commencing work, furnish the following information relating to key personnel

Title	**Name**	**Address and/or telephone**
Fire Supervisor		
Fire Patrolperson		

Inertial Profiling Data Electronic Files

Inertial Profiling Data Electronic Files are as follows:

20151217_08SBD330_NB_1_B_29.0_44.1_EXIST_HMA.ppf

20151217_08SBD330_NB_2_B_29.0_30.22_EXIST_HMA.ppf

20151217_08SBD330_SB_1_B_44.1_29.0_EXIST_HMA.ppf

20151217_08SBD330_SB_2_B_30.22_29.0_EXIST_HMA.ppf

08-SBD-330 PM 29.0-44.1 Inertial Profile Log.xlsx