

CONSTRUCTION FIRE PREVENTION/PROTECTION PLAN – CONCEPTUAL OUTLINE

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TABLE OF CONTENTS

<u>Section</u>	<u>Page No.</u>
I. INTRODUCTION.....	1
II. REQUIREMENTS.....	1
III. SUMMARY	3
IV. DISCLAIMER.....	3
V. APPENDICES.....	3

Construction Fire Prevention/Protection Plan – Conceptual Outline

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Construction Fire Prevention/Protection Plan – Conceptual Outline

I. INTRODUCTION

This section will identify the intent of the Construction Fire Prevention/Protection Plan (CPPF) for the Proposed Project and which mitigation measures the plan satisfies.

The introduction should also include the following language: All construction work shall follow these guidelines and commitments. The contents of this plan are to be incorporated into the standard construction contracting agreements for the construction of the project. Primary plan enforcement and implementation responsibility will remain with Soitec and its contractors and vendors. Copies of this plan shall be given to all contractors, and a kick-off safety meeting will be conducted. Workers shall sign a form stating they received this training.

II. REQUIREMENTS

This section will identify specific requirements of the plan, which shall be implemented to the satisfaction of the fire authorities having jurisdiction, which include the San Diego County Fire Authority (SDCFA) and CAL FIRE (jointly, the Fire Agencies). The following is an outline of requirements for the CPPF.

- A. Construction Fire Prevention Plan Definitions
- B. Project Description
- C. Project Fire Risks
- D. Fire Risk Mitigation Measures
- E. Staging Areas and Major Operation Work Sites
- F. Project Tool and Equipment Requirements
- G. Agency Specific Requirements
- H. Construction of Access Roads Prior to On Site Construction
- I. Training
- J. Water Storage Tanks: *ID location and capacity.*
- K. Fire Safety Coordinator: *This position is required by the California Fire Code Section 1408.1.*
- L. Safety briefings, Inspections and Compliance
- M. K. Road Widths and Roadside Fuel Modification
- N. Fuel Modification at Construction Sites
- O. Fire Patrols

Construction Fire Prevention/Protection Plan – Conceptual Outline

- P. Firefighting Pump Units
- Q. Construction Water Tenders
- R. Portable Fire Extinguishers
- S. Red Flag Warnings; High Fire Hazard Weather Conditions
- T. Project Specific No Work Provisions/Restrictions
- U. Agency Specific Requirements
- V. Tool Caches
- W. Mufflers and Spark Arrestors on Equipment Engines
- X. Use of Portable Equipment
- Y. Clearing Crews
- Z. Storage of Flammable and Combustible Liquids and Fueling of Vehicles and Equipment
- AA. Temporary Heating Devices
- BB. Storage Areas and Parking Areas
- CC. Designated Smoking Areas
- DD. Warming and Lunch Fires; No Open Burning
- EE. Hot Work (Welding, Grinding, etc.): *These requirements are primarily from California Fire Code (CFC) Chapter 26, “Welding and other Hot Work,” and NFPA 51-B, “Fire Prevention During Welding, Cutting and other Hot Work”.*
- FF. Storage of Combustibles and Trash
- GG. Storage and Use of Hazardous Materials
- HH. Warehouses and Construction offices
- II. Construction office trailers or modular buildings:
- JJ. Temporary Construction Materials:
- KK. II. Turbine Construction
- LL. Power Line and Structures
- MM. Temporary Wiring and Electrical and Heating Equipment
- NN. First Aid
- OO. Communications Plan
- PP. Emergency Alarms

Construction Fire Prevention/Protection Plan – Conceptual Outline

QQ. Calling 911

RR. Emergency Plan

SS. Visitors

TT. Checklists

1. Fire Safety Coordinator
2. Construction Fire Watch
3. Construction Crewmembers
4. Construction Supervisors
5. Example Contents of the Required Laminated Card

III. SUMMARY

This section will summarize that the CFPP has been prepared in response to the requirements of the Fire Agencies and will state the limitations of the requirements listed above, if any. For example, requirements made by the representatives of the Fire Agencies can overrule items in this CPPF.

IV. DISCLAIMER

This section will provide the disclaimer that the CFPP does not guarantee a fire or other emergency will not occur or cause property damage, injury or loss of life. However, it will also discuss that if the CFPP is complied with, the construction operation should be reasonably fire safe.

V. APPENDICES

Appendices may include maps, contact information, excerpts from the California Public Resources Code and other applicable regulations.