



CITY OF SIERRA MADRE

Permitting Checklist for Hydrogen Fueling Stations (SB 1418)

Planning & Community
Preservation Department
232 W. Sierra Madre Blvd., CA 91024
www.sierramadrecalifornia.gov

Please complete the following information related to permitting and installation of a hydrogen fueling station as a supplement to the Building Permit Application located on the [Accela Citizen Portal](#). You may register for an account and upload this checklist as a supplemental attachment to your electronic submission. This checklist contains the technical aspects of hydrogen fueling station installations and is intended to help expedite permitting and use for hydrogen fueling stations. State law requires that the City accept electronic submission of this checklist and the Building Permit application for a hydrogen fueling station.

Upon completion of this checklist, a permit shall be issued to the applicant. However, if it is determined that the installation might have a specific adverse impact on public health or safety, additional verification will be required before a permit can be issued.

For assistance, please call (626)355-7135 or email permits@sierramadrecalifornia.gov.

Section 1: Project Details
Project Address:
☐ Commercial/Industrial Zone (No Surrounding Residential Units) ☐ Existing Retail Fueling Station/Travel Center
Location and Number of Hydrogen Dispensers/Fueling Positions to be Installed:
Type of Fueling Available (i.e., Light-Duty Vehicle/Heavy-Duty Vehicle, Retail/Commercial, H35/H70, etc.):
Storage Type and Volume (i.e gaseous or liquid; storage capacity in kilograms or metric tonnes).
Description of Work:



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Section 2: Contact Information

Applicant Name:

Applicant Phone & Email:

Contractor Name (if applicable):

License Number & Type (if applicable):

Contractor Phone & Email (if applicable):

Owner Name:

Owner Phone & Email:

Section 3: Site/Station Plans & Equipment

Existing Site Plan: Show lot dimension of the property and all existing conditions/buildings/structures.

Proposed Site Plan: Show all proposed conditions/structures/equipment (including setback measurements and equipment dimensions).

Elevation/Perspective Drawings: Show all equipment and structures (drawn to scale, including all proposed refueling canopies).

Section 4: Permit Package Plans & Drawings

Civil/Architectural Plan Set: (Title Page, Notes, Topo/Demo Plans, Proposed Site Plan, Precise Grading and Drainage Plans, Erosion Control Plans and Details, Construction and Framing Details, Elevations, and Landscaping and Irrigation Plans).

Fire Plan Set: (Title page, Notes, Fire Plan Equipment, H2 Storage Equipment and Details, Fire Plan Setback Details, Hazardous Area Class Drawings, NFPA-2 Tables, Safety and Fire Signage Plans, Safety and Fire Equipment Location Plans (ESD, fire extinguisher, alarm light, flame detector, and gas sensor locations)).

Building Plan Set: (Title Page, Notes, Structural Specifications and Project Data, Site Plan Layout, Foundation Plan, Foundation Details, Bollard Details, Framing Plans and Details).



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Section 4: Permit Package Plans & Drawings (Continued)

Mechanical Plan Set: (Codes and Regulations Piping Plan, Pipe Schedule and Material, Piping Details).

Electrical Plan Set: (Title Page, Notes, IEEE, IEC, and Applicable NFPA Codes, Electrical Specifications, Electrical Single Line Diagram, Electrical Load Schedule, Electrical Telecom Utility Site Plan, Electrical Power Site Plan, Grounding Site Plan and Details, Electrical Installation Details, Electrical Line-Voltage Conduit Schematic, Electrical Low Voltage Site Plan, Electrical Low Voltage Conduit Schematic, Low Voltage Wiring Schedules).

Title 24 Report/Forms: (Title 24 Report/Forms, Calculations)

I hereby acknowledge that the information presented is a true and correct representation of existing conditions at the job site and that any causes for concern as to life-safety verifications may require further substantiation of information.

Signature of Permit Applicant: _____ **Date:** _____