

# GS4: San Francisco Green Building Submittal Form for Non-Residential Interior-Only Alteration Projects

Form version: October 5, 2017 (For permit applications January 2017 - December 2019)

## INSTRUCTIONS:

- Select one (1) column to the right. For each applicable requirement in the column, indicate evidence of fulfillment in the References column. For items that are not applicable, indicate "N/A".
- Provide project information in the Verification box at the right.
- Submittal must be a minimum of 24" x 36".
- This form is for permit applications submitted January 2017 through December 2019. The prior version may be submitted until January 1, 2018.

MARK WHICH SCOPES ARE INCLUDED IN THIS SUBMITTAL →

				NON-RESIDENTIAL INTERIOR-ONLY ALTERATION			REFERENCES	VERIFICATION
				A,B,E,F,H,L,I,M,S,U greater than \$200,000				
				ARCHITECTURE	MECHANICAL	PLUMBING	DRAWING OR SPECIFICATION # (If not applicable, indicate "N/A".)	
MATERIALS	TITLE	SOURCE OF REQUIREMENT	DESCRIPTION OF REQUIREMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		PROJECT NAME
	LOW-EMITTING MATERIALS	CALGreen 5.504.4.1-6	Use products that comply with the emission limit requirements of 5.504.4.1-6 for adhesives, sealants, paints, coatings, carpet systems including cushions and adhesives, resilient flooring (80% of area), and composite wood products.	•				BLOCK/LOT
WATER	INDOOR WATER USE REDUCTION	CALGreen 5.303.3, SF Building Code ch.13A	Meet flush/flow requirements for: toilets (1.28gpf); urinals (0.125gpf wall, 0.5gpf floor); showerheads (2.0gpm); lavatories (1.2gpm private, 0.5gpm public/common); kitchen faucets (1.8gpm); wash fountains (1.8gpm); metering faucets (0.2gpc); food waste disposers (1gpm/8gpm). Large non-residential interiors projects must upgrade all non-compliant fixtures per SF Building Code ch.13A.			•		ADDRESS
	WATER METERING	CALGreen 5.303.1	Provide submeters for spaces projected to consume >1,000gal/day (or >100gal/day in buildings >50,000 sq.ft).			•		PRIMARY OCCUPANCY
ENERGY	ENERGY EFFICIENCY	CA Energy Code	Comply with all provisions of the CA Energy Code.		•			GROSS BUILDING AREA
	COMMISSIONING	CALGreen 5.410.4	All new HVAC equipment must be tested and adjusted.		•			<b>Green Building Compliance Professional of Record for Architectural Measures</b> <i>I have been retained by the project sponsor to verify that approved construction documents and construction fulfill the requirements of the San Francisco Green Building Code. It is my professional opinion that the requirements of the San Francisco Green Building Code will be met. I will notify the Department of Building Inspection if the project will, for any reason, not substantially comply with these requirements, or if I am no longer the Green Building Compliance Professional of Record for the project.</i>
WASTE DIVERSION	RECYCLING BY OCCUPANTS	SF Building Code AB-088	Provide adequate space and equal access for storage, collection, and loading of compostable, recyclable and landfill materials..	•				NAME
	CONSTRUCTION & DEMOLITION (C&D) WASTE MANAGEMENT	Environment Code ch.14, SF Building Code ch.13B	For 100% of mixed C&D debris use registered transporters and registered processing facilities with a minimum of 65% diversion rate.	•				FIRM
HVAC	REFRIGERANT MANAGEMENT	CALGreen 5.508.1	Use no halons or CFCs in HVAC.		•			ARCHITECTURAL OR ENGINEERING LICENSE
INDOOR ENVIRONMENTAL QUALITY	AIR FILTRATION (CONSTRUCTION)	CALGreen 5.504.1-3	Seal permanent HVAC ducts/equipment stored onsite before installation.		•			LICENSED PROFESSIONAL (sign & date)
	AIR FILTRATION (OPERATIONS)	CALGreen 5.504.5.3	Projects must provide MERV-8 filters on HVAC for regularly occupied, actively ventilated spaces.		•			<b>AFFIX STAMP BELOW:</b>

## FOR YOUR INFORMATION

### Indoor Water Efficiency

Each fixture must not exceed CALGreen 5.303 maximum flow rates.

FIXTURE TYPE	MAXIMUM FIXTURE FLOW RATE
Showerheads <sup>2</sup>	2 gpm @ 80 psi
Lavatory Faucets: non-residential	0.5 gpm @ 60 psi
Kitchen Faucets	1.8 gpm @ 60 psi default
Wash Fountains	1.8 gpm / 20 [rim space (inches) @ 60 psi]
Metering Faucets	.20 gallons per cycle
Metering Faucets: wash fountains	.20 gallons per cycle / 20 [rim space (inches) @ 60 psi]
Tank-type water closets	1.28 gallons / flush <sup>1</sup> and EPA WaterSense Certified
Flushometer valve water closets	1.28 gallons / flush <sup>1</sup>
Urinals	Wall mount: 0.125 gallons / flush Floor mount: 0.5 gallons / flush

#### NOTES:

- For dual flush toilets, effective flush volume is defined as the composite, average flush volume of two reduced flushes and one full flush. The referenced standard is ASME A112.19.14 and USEPA WaterSense Tank-Type High Efficiency Toilet Specification – 1.28 gal (4.8L).
- The combined flow rate of all showerheads in one shower stall shall not exceed the maximum flow rate for one showerhead, or the shower shall be designed to allow only one showerhead to be in operation at a time (CALGreen 5.303.2.1)

### Water Efficiency of Existing Non-Compliant Fixtures

All fixtures that are not compliant with the San Francisco Commercial Water Conservation Ordinance that serve or are located within the project area must be replaced with fixtures or fittings meeting the maximum flow rates and standards referenced above. For more information, see the Commercial Water Conservation Program Brochure, available at SFDBI.org.

#### NON-COMPLIANT PLUMBING FIXTURES INCLUDE:

- Any toilet manufactured to use more than 1.6 gallons/flush
- Any urinal manufactured to use more than 1 gallon/flush
- Any showerhead manufactured to have a flow capacity of more than 2.5 gpm
- Any interior faucet that emits more than 2.2 gpm

Exceptions to this requirement are limited to situations where replacement of fixture(s) would detract from the historic integrity of the building, as determined by the Department of Building Inspection pursuant to San Francisco Building Code Chapter 13A.

NAME

FIRM

ARCHITECTURAL OR ENGINEERING LICENSE

LICENSED PROFESSIONAL (sign & date)

**AFFIX STAMP BELOW:**