Project Name

**Project Description**

City and County of San Francisco Green Building Submittal:

**For Interior Commercial Tenant Improvement**

Block/Lot

Address

Primary Occupancy

**Instructions:**

This form is for commercial tenant improvement projects with >$200,000 project valuation that are limited to the interior of the building. Check the box by each measure to indicate that you intend to comply

with the listed requirement. For each requirement, use the “Plan Set Location” column to indicate where in the submittal documents compliance with the requirement can be verified. (If items in the “Reference” column are not applicable, indicate “N/A.”) An abbreviated summary of each requirement is included for reference. Projects seeking LEED certification may voluntarily use the “LEED” submittal as an alternative to this form.

**Instructions:**

Indicate below which professional(s) are responsible for ensuring green building requirements are met.

**FINAL COMPLIANCE VERIFICATION form will be required prior to Certificate of Completion**.

Attachment C-6:

Interior Commercial

Tenant Improvement

Insert Project Name / Titleblock here

Version: July 1, 2014

Gross Building Area

|  |  |  |  |
| --- | --- | --- | --- |
| **Architecture** | | | I have been retained by the project sponsor to assure that approved construction documents and construction fulfill the requirements of 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.  **Green Building Compliance Professional of Record for Architectural Measures:**  Name  Firm  Architectural or Engineering License Number  Licensed Professional: Sign & Date  Affix professional stamp: |
| **Required Measure** | **Interior**  **Alteration**  **≥$200,000** | **Reference**  **(Indicate Plan Set Sheet & Detail, or Specification, as applicable)** |
| **Construction Waste Management** – 100% of mixed debris must be transported by a registered hauler to a registered facility and be processed for recycling, in compliance with the San Francisco Construction & Demolition Debris Ordinance. | ● |  |
| **Recycling by Occupants:** Provide adequate space and equal access for storage, collection and loading of compostable, recyclable and landfill materials. See Administrative Bulletin 088. | ● |  |
| **Adhesives, sealants, and caulks:** Comply with VOC limits in SCAQMD Rule 1168 VOC limits and  California Code of Regulations Title 17 for aerosol adhesives. (CalGreen 5.504.4.1) | ● |  |
| **Paints and coatings:** Comply with VOC limits in the Air Resources Board Architectural Coatings  Suggested Control Measure and California Code of Regulations Title 17 for aerosol paints. (CalGreen 5.504.4.3.1) | ● |  |
| **Carpet:** All carpet must meet one of the following:  1. Carpet and Rug Institute Green Label Plus Program,  2. California Department of Public Health Standard Practice for the testing of VOCs (Specification 01350),  3. NSF/ANSI 140 at the Gold level,  4. Scientific Certifications Systems Sustainable Choice, OR  5. California Collaborative for High Performance Schools EQ 2.2 and listed in the CHPS High Performance  Product Database  AND carpet cushion must meet Carpet and Rug Institute Green Label,  AND indoor carpet adhesive & carpet pad adhesive must not exceed 50 g/L VOC content. | ● |  |
| **Composite wood:** Meet CARB Air Toxics Control Measure for Composite Wood including meeting the emission limits in CalGreen Table 5.504.4.5. | ● |  |
| **Resilient flooring systems:** For 80% of floor area receiving resilient flooring, install resilient flooring complying with:  1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program,  2. Compliant with the VOC-emission limits and testing requirements of California Department of Public Health  2010 Standard Method for the Testing and Evaluation Chambers v.1.1,  3. Compliant with the Collaborative for High Performance Schools (CHPS) EQ2.2 and listed in the CHPS High  Performance Product Database, OR  4. Certified under the Greenguard Children & Schools Program to comply with California Department of Public  Health criteria.(CalGreen 5.504.4.4 and 5.504.4.6) | ● |  |

**INDOOR WATER USE**

Newly installed fixtures in the project area must comply with the PRESCRIPTIVE

fixture and fitting flow rates below.

(To apply the PERFORMANCE APPROACH, use Submittal Template C-5.)

@ 60 psi]

1.28 gallons/flush AND EPA

Notes:

|  |  |  |
| --- | --- | --- |
| **Fixture Type** | **Maximum Prescriptive**  **Flow Rate** | **Referenced Standard (See California Plumbing Code Table 1401.1)** |
| **Showerheads2** | 2 gpm @ 80 psi | n/a |
| **Lavatory faucets - nonresidential** | 0.4 gpm @ 60 psi | ASMEA112.18.1/CSAB125.1 |
| **Kitchen faucets** | 1.8 gpm @ 60 psi | n/a |
| **Wash fountains** | 1.8 [rim space (in.)/20 gpm | n/a |
| **Metering faucets** | .20 gallons/cycle | ASMEA112.18.1/CSAB125.1 |
| **Metering faucets for wash foun- tains** | .20 [rim space (in.)/20 gpm  @ 60 psi] | n/a |
| **Tank-type water closets** | 1  Water Sense Certified | U.S. EPA WaterSense Tank-Type High-Efficiency Toilet Specification |
| **Flushometer valve water closets** | 1.28 gallons/flush1 | ASME A112.19.2/CSA B45.1  - 1.28 gal (4.8 L) |
| **Urinals** | 0.5 gallons/flush | ASME A112.19.2/CSA B45.1  – 0.5 gal (1.9 L) |

|  |  |  |  |
| --- | --- | --- | --- |
| **Mechanical, Electrical, Plumbing** | | | I have been retained by the project sponsor to assure that approved construction documents and construction fulfill the requirements of 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.  **Green Building Compliance Professional of Record**  **for Mechanical, Electrical, and Plumbing Measures:**  Name  Firm  Architectural or Engineering License Number  Licensed Professional: Sign & Date  Affix professional stamp: |
| **Required Measures** | **Interior**  **Alteration**  **≥$200,000** | **Reference**  **(Indicate Plan Set Sheet & Detail, or Specification, as applicable)** |
| **Energy Efficiency:** Demonstrate compliance with California Energy Code, Title 24 Part 6 (2013). | ● |  |
| **Testing and Adusting:** (CalGreen 5.410.4 through 5.410.4.5.1)  1. Develop and implement a plan of procedures for testing and adjusting new systems, including (as applicable): HVAC; indoor and outdoor lighting and controls; water heating; renewable energy; landscape irrigation; and water reuse systems.  2. Balance new HVAC systems before operation for normal use.  3. Provide the Owner or representative with a final report of testing.  4. Provide the building representative with detailed operating and maintenance instructions and copies of all guarantees/warranties for each system. | ● |  |
| **Protect duct openings and mechanical equipment during construction.** Limit use of permanent HVAC during construction to conditioning necessary for material and equipment installation. If permanent HVAC is used during construction, install MERV-8 filters on returns, and replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction. (CalGreen  5.504.1.3 and 5.504.3) | ● |  |
| **Air Filtration:** Provide at least MERV-8 filters in regularly occupied spaces of mechanically ventilated build- ings. Installed filters must be clearly labeled by the manufacturer indicating the MERV rating, and filter specifica- tion shall be included in the operation and maintenance manual. (CalGreen5.504.5.3 through 5.504.5.3.1) | ● |  |
| **Indoor Water Efficiency:** Reduce use of potable water for newly installed fixtures and fittings as summarized in Table 5.303.2.3 (copied at left for reference.) (CalGreen 5.303.2 and 5.303.3) | ● |  |
| **Notes:**  1) This submittal form is required for all applicable projects submitting initial application for building permit beginning July 1, 2014.  2) Table above is a summary only. See full text of San Francisco Green Building Code for details. | | |

1) For dual flush toilets, effective flush volume is defines as the average 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 (4.8 L).

2) The combined flow rate of all showerheads in one shower stall 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

5.303.3.3.2.)

**EXISTING NONCOMPLIANT FIXTURES**

Conservation Ordinance that serve or are located within the project area must be

All fixtures that are not compliant with the San Francisco Commercial Water

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. Noncompliant plumbing fixtures include:

(1) Any toilet manufactured for use more than 1.6 gallons of water per flush. (2) Any urinal manufactured for use more than 1 gallon of water per flush.

(3) Any showerhead manufactured to have a flow capacity of more than 2.5 gallons of water per minute.

(4) Any interior faucet that emits more than 2.2 gallons of water per minute.

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.