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# Building Commissioning Guide

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Commissioning is included in the design and construction process of newly constructed nonresidential buildings to verify that the energy systems and components of a building meet the owner's or owner representative's project requirements.

Commissioning under Part 6 is required for nonresidential buildings of 10,000 square feet and larger, excluding healthcare facilities (which instead follow a procedure specified in Chapter 7 of the California Administrative Code, Title 24, Part 1). Commissioning is also required for nonresidential portions of hotel/motel buildings when the total space of the nonresidential spaces is 10,000 square feet or larger.

Newly constructed buildings with less than 10,000 square feet of nonresidential area are only required to perform a design review, though they may elect to perform a more complete commissioning process. Design review is discussed in Chapter 12.

Part 6 does not require retrocommissioning of existing buildings; neither commissioning nor design review is required for building additions or alterations. That said, this guide may still be useful for projects engaging in retrocommissioning.

## Overview

Please refer to Chapter 13.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## Selecting Trained Personnel for Commissioning

Please refer to Chapter 13.1.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## Owner's Project Requirements (OPR)

Please refer to Chapter 13.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## Intent

Please refer to Chapter 13.2.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## Compliance

Please refer to Chapter 13.2.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## Basis of Design (BOD)

Please refer to Chapter 13.3 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## Intent

Please refer to Chapter 13.3.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## Compliance Method

Please refer to Chapter 13.3.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## Enforcement

Please refer to Chapter 13.3.3 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## **Design Phase Review**

Please refer to Chapter 13.4 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Intent**

Please refer to Chapter 13.4.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Compliance Method**

Please refer to Chapter 13.4.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Enforcement**

Please refer to Chapter 13.4.3 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## **Commissioning Measures**

Please refer to Chapter 13.5 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Intent**

Please refer to Chapter 13.5.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Existing Law or Regulation**

Please refer to Chapter 13.5.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Compliance**

Please refer to Chapter 13.5.3 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Enforcement**

Please refer to Chapter 13.5.4 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## **Commissioning Plan**

Please refer to Chapter 13.6 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Intent**

Please refer to Chapter 13.6.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Existing Law or Regulation**

Please refer to Chapter 13.6.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Compliance**

Please refer to Chapter 13.6.3 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Enforcement**

Please refer to Chapter 13.6.4 of the *2022 Nonresidential and Multifamily Compliance Manual*.

## **Functional Performance Testing**

Please refer to Chapter 13.7 of the *2022 Nonresidential and Multifamily Compliance Manual*.

### **Intent**

Please refer to Chapter 13.7.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Existing Law or Regulation**

Please refer to Chapter 13.7.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Compliance**

Please refer to Chapter 13.7.3 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Enforcement**

Please refer to Chapter 13.7.4 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Documents and Training**

Please refer to Chapter 13.8 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Intent**

Please refer to Chapter 13.8.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Compliance Method**

Please refer to Chapter 13.8.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Enforcement**

Please refer to Chapter 13.8.3 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Systems Operations Training**

Please refer to Chapter 13.9 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Compliance**

Please refer to Chapter 13.9.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Enforcement**

Please refer to Chapter 13.9.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Commissioning Report**

Please refer to Chapter 13.10 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Intent**

Please refer to Chapter 13.10.1 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Compliance Method**

Please refer to Chapter 13.10.2 of the *2022 Nonresidential and Multifamily Compliance Manual*.

**Enforcement**

Please refer to Chapter 13.10.3 of the *2022 Nonresidential and Multifamily Compliance Manual*.