

Appendix A Compliance Documents

NOTE: For Documents and User Instructions, please visit our website at:
<https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2019-building-energy-efficiency>

CF1Rs – Certificate of Compliance

Doc Type	Doc Category	Category Description	Document Description
CF1R-	ADD-01-E	Additions	Prescriptive Additions Less Than 1,000 ft ²
CF1R-	ADD-02-E	Additions	Prescriptive Additions – Simple NonHERS (paper version)
CF1R-	ALT-01-E	Alterations	Prescriptive Alterations
CF1R-	ALT-02-E	Alterations	Prescriptive Alterations HVAC
CF1R-	ALT-05-E	Alterations	Prescriptive Alterations – Simple NonHERS (paper version)
CF1R-	ENV-02-E	Envelope	Area Weighted Average Calculation Worksheet
CF1R-	ENV-03-E	Envelope	Solar Heat Gain Coefficient (SHGC) Worksheet
CF1R-	ENV-04-E	Envelope	Solar Reflective Index (SRI) Worksheet
CF1R-	ENV-05-E	Envelope	Alternative Default Fenestration Procedure (NA6) Worksheet
CF1R-	ENV-06-E	Envelope	Interior and Exterior Insulation Layers Worksheet
CF1R-	NCB-01-E	Newly Constructed Buildings	Prescriptive Newly Constructed Buildings and Additions Equal to or Greater Than 1,000 ft ²
CF1R-	PLB-01-E	Plumbing (DHW)	Hydronic Heating System Worksheet
CF1R-	PRF-01-E	Performance	Residential Performance Compliance Method
CF1R-	STH-01-E	Solar Thermal	OG 100 Solar Water Heating Worksheet
CF2Rs – Certificate of Installation	X	X	X
CF2R-	ADD-02-E	Additions	Prescriptive Additions – Simple NonHERS (paper version)
CF2R-	ALT-05-E	Alterations	Prescriptive Alterations – Simple NonHERS (paper version)
CF2R-	ENV-01-E	Envelope-NonHERS	Fenestration Installation
CF2R-	ENV-03-E	Envelope-NonHERS	Insulation Installation

Appendix A Compliance Documents

CF2R-	ENV-04-E	Envelope-NonHERS	Roofing – Radiant Barrier
CF2R-	ENV-20-H	Envelope-HERS	Building Leakage Diagnostic Test
CF2R-	ENV-21-H	Envelope-HERS	QII - Framing Stage
CF2R-	ENV-22-H	Envelope-HERS	QII – Insulation Installation Stage
CF2R-	LTG-01-E	Lighting-NonHERS	Lighting - Single-Family Dwellings
CF2R-	LTG-02-E	Lighting-NonHERS	Lighting - Multifamily Dwellings
CF2R-	MCH-01-E	Mechanical-NonHERS	Space Conditioning Systems
CF2R-	MCH-02-E	Mechanical-NonHERS	Whole House Fan
CF2R-	MCH-04-E	Mechanical-NonHERS	Evaporative Coolers
CF2R-	MCH-20-H	Mechanical-HERS	Duct Leakage Diagnostic Test
CF2R-	MCH-21-H	Mechanical-HERS	Duct Location Verification
CF2R-	MCH-22-H	Mechanical-HERS	Fan Efficacy
CF2R-	MCH-23-H	Mechanical-HERS	Airflow Rate
CF2R-	MCH-24-H	Envelope-HERS	Building Envelope Air Leakage Worksheet
CF2R-	MCH-25-H	Mechanical-HERS	Refrigerant Charge Verification
CF2R-	MCH-26-H	Mechanical-HERS	Rated Space Conditioning System Equipment Verification
CF2R-	MCH-27-H	Mechanical-HERS	Indoor Air Quality and Mechanical Ventilation
CF2R-	MCH-28-H	Mechanical-HERS	Return Duct Design and Air Filter Grille Device Sizing According to Tables 150.0-B or C
CF2R-	MCH-29-H	Mechanical-HERS	Duct Surface Area Reduction; R-Value; Buried Ducts Compliance Credit
CF2R-	MCH-30-E	Mechanical-HERS	Ventilation cooling compliance credit
CF2R-	MCH-31-H	Mechanical-HERS	HERS Verified Whole House Fan
CF2R	MCH-32-H	Mechanical-HERS	Kitchen Ventilation
CF2R-	PLB-01-E	Plumbing-DHW-NonHERS	Multifamily Central Hot Water System Distribution

Appendix A Compliance Documents

CF2R-	PLB-02-E	Plumbing (DHW)-NonHERS	Single Dwelling Unit Hot Water System Distribution
CF2R-	PLB-03-E	Plumbing (DHW)-NonHERS	Pool and Spa Heating Systems
CF2R-	PLB-21-H	Plumbing (DHW)-HERS	HERS Verified Multifamily Central Hot Water System Distribution
CF2R-	PLB-22-H	Plumbing (DHW)-HERS	HERS Verified Single Dwelling Unit Hot Water System Distribution
CF2R-	PVB-01-E	Photovoltaics-NonHERS	Photovoltaic Systems
CF2R-	PVB-02-E	Photovoltaics-NonHERS	Battery Storage Systems
CF2R-	SRA-01-E	Solar Ready	Solar Ready Areas
CF2R-	SRA-02-E	Solar Ready	Minimum Solar Zone Area Worksheet
CF2R-	STH-01-E	Solar Thermal	Solar Water Heating Systems
CF3Rs – Certificate of Verification	X	X	X
CF3R-	ENV-20-H	Envelope-HERS	Building Leakage Diagnostic Test
CF3R-	ENV-21-H	Envelope-HERS	QII - Framing Stage
CF3R-	ENV-22-H	Envelope-HERS	QII – Insulation Installation Stage
CF3R-	EXC-20-H	Existing Conditions	HERS Verification of Existing Conditions for Residential Alterations
CF3R-	MCH-20-H	Mechanical-HERS	Duct Leakage Diagnostic Test
CF3R-	MCH-21-H	Mechanical-HERS	Duct Location Verification
CF3R-	MCH-22-H	Mechanical-HERS	Fan Efficacy
CF3R-	MCH-23-H	Mechanical-HERS	Airflow Rate
CF3R-	MCH-24-H	Envelope-HERS	Building Envelope Air Leakage Worksheet
CF3R-	MCH-25-H	Mechanical-HERS	Refrigerant Charge Verification
CF3R-	MCH-26-H	Mechanical-HERS	Rated Space Conditioning System Equipment Verification
CF3R-	MCH-27-H	Mechanical-HERS	Indoor Air Quality and Mechanical Ventilation

Appendix A Compliance Documents

CF3R-	MCH-28-H	Mechanical-HERS	Return Duct Design and Air Filter Device Sizing According to Tables 150.0-B or C
CF3R-	MCH-29-H	Mechanical-HERS	Duct Surface Area Reduction; R-value; Buried Ducts Compliance Credit
CF3R-	MCH-31-H	Mechanical-HERS	HERS Verified Whole House Fan
CF3R-	MCH-31-H	Mechanical-HERS	Kitchen Ventilation
CF3R-	PLB-21-H	Plumbing (DHW)-HERS	HERS Verified Multifamily Central Hot Water System Distribution
CF3R-	PLB-22-H	Plumbing (DHW)-HERS	HERS Verified High Rise Residential/Hotel/Motel Single Dwelling Unit Hot Water System Distribution
NRCV-	MCH-04-H	Mechanical-HERS	Duct Leakage Diagnostic Test
NRCV-	MCH-24-H	Mechanical-HERS	Building Envelope Air Leakage Worksheet
NRCV-	MCH-27-H	Mechanical-HERS	Indoor Air Quality and Mechanical Ventilation
NRCV-	PLB-21-H	Plumbing (DHW)-HERS	HERS Verified Multifamily Central Hot Water System Distribution
NRCV-	PLB-22-H	Plumbing (DHW)-HERS	HERS Verified High Rise Residential/Hotel/Motel Single Dwelling Unit Hot Water System Distribution