

# APPENDIX A Compliance Documents

Page 1

NOTE: For Documents and User Instructions, please visit our website at:  
<https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency>

**Table 1 NRCC Forms**

Type	Abbreviation	Category	Document Description
NRCC	LTi	Lighting	Indoor Lighting
NRCC	LTO	Lighting	Outdoor Lighting
NRCC	LTS	Lighting	Sign Lighting
NRCC	ENV	Envelope	Envelope
NRCC	SAB	Solar and Battery	Solar and Battery
NRCC	ELC	Electrical	Electrical
NRCC	PLB	Plumbing	Plumbing
NRCC	MCH	Mechanical	Mechanical
NRCC	PRC	Process	Covered Process
NRCC	CXR	Commissioning	Commissioning
NRCC	PRF		Performance

**Table 2 NRCI Forms**

Type	Abbreviation	Category	Document Description
NRCI	LTi	Lighting	Indoor Lighting
NRCI	LTO	Lighting	Outdoor Lighting
NRCI	LTS	Lighting	Sign Lighting
NRCI	ENV	Envelope	Envelope
NRCI	SRA	Solar Access Requirements	Solar Access Requirements
NRCI	ELC	Electrical	Electrical
NRCI	PLB	Plumbing	Plumbing
NRCI	MCH	Mechanical	Mechanical
NRCI	PRC	Process	Process

**Table 3 NRCA Forms**

Type	Abbreviation	Category	Document Description
NRCA	NRCA-ENV-02	ENVELOPE	Fenestration Acceptance
NRCA	NRCA-ENV-03F	ENVELOPE	Daylighting Design PAFs
NRCA	NRCA-LTI-02	LIGHTING	Shut Off Lighting Control
NRCA	NRCA-LTI-03	LIGHTING	Automatic Daylighting Control
NRCA	NRCA-LTI-04	LIGHTING	Demand Response Controls
NRCA	NRCA-LTI-05	LIGHTING	Institutional Tuning PAF
NRCA	NRCA-LTO-02	LIGHTING	Outdoor Lighting Controls
NRCA	NRCA-MCH-02	MECHANICAL	Outdoor Air
NRCA	NRCA-MCH-03	MECHANICAL	Constant Volume Single Zone HVAC
NRCA	NRCA-MCH-04a	MECHANICAL	Duct Leakage
NRCA	NRCA-MCH-04b	MECHANICAL	Duct Leakage
NRCA	NRCA-MCH-05	MECHANICAL	Economizer DOAS HRV ERV
NRCA	NRCA-MCH-06	MECHANICAL	Demand Control Ventilation
NRCA	NRCA-MCH-07	MECHANICAL	Supply Fan Variable Controls Acceptance
NRCA	NRCA-MCH-08	MECHANICAL	Valve Leakage Test
NRCA	NRCA-MCH-09	MECHANICAL	Water Temp Reset
NRCA	NRCA-MCH-10	MECHANICAL	Hydronic System Variable Flow Control Acceptance
NRCA	NRCA-MCH-11	MECHANICAL	Automatic Demand Shed Controls
NRCA	NRCA-MCH-12	MECHANICAL	Packaged Units
NRCA	NRCA-MCH-13	MECHANICAL	FDD for AHU and Zone Terminals
NRCA	NRCA-MCH-14	MECHANICAL	Distributed Energy Storage DX AX Systems
NRCA	NRCA-MCH-15	MECHANICAL	Thermal Energy Storage
NRCA	NRCA-MCH-16	MECHANICAL	Supply Air Temperature Reset Controls
NRCA	NRCA-MCH-17	MECHANICAL	Condenser Water Temperature Reset Controls
NRCA	NRCA-MCH-18	MECHANICAL	EMS System Acceptance
NRCA	NRCA-MCH-19	MECHANICAL	Occupied Standby
NRCA	NRCA-MCH-20a	MECHANICAL	MF Dwelling Inspection Acceptance
NRCA	NRCA-MCH-20b	MECHANICAL	MF Dwelling Kitchen Exhaust
NRCA	NRCA-MCH-20c	MECHANICAL	MF IAQ Ventilation System
NRCA	NRCA-MCH-20d	MECHANICAL	MF Dwelling HRV-ERV
NRCA	NRCA-MCH-21	MECHANICAL	Multifamily Leakage
NRCA	NRCA-MCH-22	MECHANICAL	System Duct Leakage
NRCA	NRCA-MCH-23	MECHANICAL	HRV ERV Verification
NRCA	NRCA-PRC-01	PROCESS	Compressed Air System Controls
NRCA	NRCA-PRC-02	PROCESS	Kitchen Exhaust SC
NRCA	NRCA-PRC-03	PROCESS	Parking Garage Ventilation

# APPENDIX A Compliance Documents

Page 3

Type	Abbreviation	Category	Document Description
NRCA	NRCA-PRC-04	PROCESS	Refrigerated Warehouse Evap & Fan Ctrl
NRCA	NRCA-PRC-05	PROCESS	Evaporative Condenser Controls
NRCA	NRCA-PRC-06	PROCESS	Air Cooled Condensers
NRCA	NRCA-PRC-07	PROCESS	Variable Speed Compressors
NRCA	NRCA-PRC-08	PROCESS	Refrigerated Warehouse Underslab Heating
NRCA	NRCA-PRC-12	PROCESS	Elevator Light & Vent Ctrl
NRCA	NRCA-PRC-13	PROCESS	Escalator and Moving Walkways Speed Control
NRCA	NRCA-PRC-14	PROCESS	Lab Exhaust Ventilation System
NRCA	NRCA-PRC-15	PROCESS	Fume Hood
NRCA	NRCA-PRC-16	PROCESS	Adiabatic Condenser

**Table 4 NCRV Forms**

Type	Abbreviation	Category	Document Description
NRCV	NRCV-MCH-04a	Mechanical	Duct Leakage Test New Construction
NRCV	NRCV-MCH-04c	Mechanical	Duct Leakage LLAHU
NRCV	NRCV-MCH-04d	Mechanical	Duct Leakage Test Existing Construction
NRCV	NRCV-MCH-04e	Mechanical	Duct Leakage Test Sealing Accessible Leaks
NRCV	NRCV-MCH-24a	Mechanical	Enclosure Air Leakage Worksheet Single Point Test Manual Meter
NRCV	NRCV-MCH-24b	Mechanical	Enclosure Air Leakage Worksheet Single Point Test Automatic Meter
NRCV	NRCV-MCH-27b	Mechanical	Highrise Residential
NRCV	NRCV-MCH-27c	Mechanical	Highrise Residential Scheduled Real Time Control
NRCV	NRCV-MCH-32	Mechanical	Local Mechanical Exhaust
NRCV	NRCV-PLB-21	Plumbing	Multifamily Central Hot Water System Distribution
NRCV	NRCV-PLB-22	Plumbing	Individual Dwelling Unit Hot Water System Distribution

**Table 5 LMCC Forms**

Type	Abbreviation	Category	Document Description
LMCC	LMCC-CXR-01	Commissioning	Nonresidential Building Commissioning
LMCC	LMCC-ELC-01	Electrical	Electrical Power Distribution
LMCC	LMCC-ENV-01	Envelope	Envelope Component Approach
LMCC	LMCC-LTI-01	Lighting	Indoor Lighting

# APPENDIX A Compliance Documents

Page 4

LMCC	LMCC-LTO-01	Lighting	Outdoor Lighting
LMCC	LMCC-LTS-01	Lighting	Sign Lighting
LMCC	LMCC-MCH-01	Mechanical	Mechanical Systems
LMCC	LMCC-PLB	Plumbing	Domestic Water Heating System
LMCC	LMCC-PRC	Process	Process System
LMCC	LMCC-SAB	Solar	Solar and Battery

**Table 6 LMCI Forms**

Type	Abbreviation	Category	Document Description
LMCI	LMCI-ELC-01-E	ELECTRICAL	Electric Ready
LMCI	LMCI-ENV-21-H	ENVELOPE	QII Framing Stage
LMCI	LMCI-ENV-22-H	ENVELOPE	QII Insulation Stage
LMCI	LMCI-MCH-01a	MECHANICAL	Space Conditioning System-Performance
LMCI	LMCI-MCH-01b	MECHANICAL	Space Conditioning System-Prescriptive Alterations
LMCI	LMCI-MCH-01c	MECHANICAL	Space Conditioning System-Prescriptive NCB
LMCI	LMCI-MCH-01d	MECHANICAL	Space Conditioning System-Performance-E+A+A
LMCI	LMCI-MCH-20a	MECHANICAL	Duct Leakage Test-New Construction
LMCI	LMCI-MCH-20b	MECHANICAL	Duct Leakage LLDCS
LMCI	LMCI-MCH-20c	MECHANICAL	Duct Leakage LLAHU
LMCI	LMCI-MCH-20d	MECHANICAL	Duct Leakage Test-Existing Construction
LMCI	LMCI-MCH-20e	MECHANICAL	Duct Leakage Test Sealing Accessible Leaks
LMCI	LMCI-MCH-21-H	MECHANICAL	Duct Location
LMCI	LMCI-MCH-22a	MECHANICAL	Fan Efficacy All Zones Calling Only
LMCI	LMCI-MCH-22b	MECHANICAL	Fan Efficacy Every Zonal Control Mode
LMCI	LMCI-MCH-22c	MECHANICAL	Fan Efficacy All Zones Calling Only With CFVCS
LMCI	LMCI-MCH-22d	MECHANICAL	Fan Efficacy Every Zonal Control Mode With CFVCS
LMCI	LMCI-MCH-23a	MECHANICAL	Airflow Rate All Zones Calling Only
LMCI	LMCI-MCH-23b	MECHANICAL	Airflow Rate Every Zonal Control Mode
LMCI	LMCI-MCH-23c	MECHANICAL	Airflow Rate Best Settings
LMCI	LMCI-MCH-23d	MECHANICAL	Airflow Rate Measurement Only All Zones Calling Only
LMCI	LMCI-MCH-23e	MECHANICAL	Airflow Rate All Zones Calling Only With CFVCS
LMCI	LMCI-MCH-23f	MECHANICAL	Airflow Rate Every Zonal Control Mode With CFVCS

# APPENDIX A Compliance Documents

Page 5

Type	Abbreviation	Category	Document Description
LMCI	LMCI-MCH-24a	MECHANICAL	Enclosure Air Leakage Worksheet Single Point Test Manual Meter
LMCI	LMCI-MCH-24b	MECHANICAL	Enclosure Air Leakage Worksheet Single Point Test Automatic Meter
LMCI	LMCI-MCH-25a	MECHANICAL	Refrigerant Charge Superheat
LMCI	LMCI-MCH-25b	MECHANICAL	Refrigerant Charge Subcooling
LMCI	LMCI-MCH-25c	MECHANICAL	Refrigerant Charge Weigh In
LMCI	LMCI-MCH-25e	MECHANICAL	Refrigerant Charge Winter Setup
LMCI	LMCI-MCH-25f	MECHANICAL	Refrigerant Charge Packaged System Manufacturer Certification
LMCI	LMCI-MCH-26-H	MECHANICAL	Rated System Verification
LMCI	LMCI-MCH-27b	MECHANICAL	Continuous Mech Vent Total Vent Rate Method
LMCI	LMCI-MCH-28-H	MECHANICAL	Return Duct And Filter Grille Design-Table 150
LMCI	LMCI-MCH-29-H	MECHANICAL	Supply Duct Surface Area Buried Ducts
LMCI	LMCI-MCH-32-L	MECHANICAL	Local Mechanical Exhaust
LMCI	LMCI-MCH-33-H	MECHANICAL	VCHP Compliance Credit
LMCI	LMCI-PLB-01-E	PLUMBING	Non HERS Multifamily Central Hot Water System Distribution
LMCI	LMCI-PLB-02-E	PLUMBING	Non HERS Individual Dwelling Unit Hot Water System Distribution
LMCI	LMCI-PLB-21-H	PLUMBING	Multifamily Central Hot Water System Distribution
LMCI	LMCI-PLB-22-H	PLUMBING	Individual Dwelling Unit Hot Water System Distribution

**Table 7 LMCV Forms**

Type	Abbreviation	Category	Document Description
LMCV	LMCV-ENV-21-H	ENVELOPE	HERS QII Framing Stage
LMCV	LMCV-ENV-22-H	ENVELOPE	HERS QII Insulation Stage
LMCV	LMCV-MCH-20a-	MECHANICAL	Duct Leakage Test New Construction
LMCV	LMCV-MCH-20b-	MECHANICAL	Duct Leakage-LLDCS
LMCV	LMCV-MCH-20c-	MECHANICAL	Duct Leakage-LLAHU
LMCV	LMCV-MCH-20d-	MECHANICAL	Duct Leakage Test-Existing Construction
LMCV	LMCV-MCH-20e-	MECHANICAL	Duct leakage Test Sealing Accessible Leaks
LMCV	LMCV-MCH-21-D	MECHANICAL	Duct Location
LMCV	LMCV-MCH-22a-	MECHANICAL	Fan Efficacy All Zones Calling Only
LMCV	LMCV-MCH-22b-	MECHANICAL	Fan Efficacy Every Zonal Control Mode
LMCV	LMCV-MCH-22c-	MECHANICAL	Fan Efficacy All Zones Calling Only With CFVCS
LMCV	LMCV-MCH-22d-	MECHANICAL	Fan Efficacy Every Zonal Control Mode-With CFVCS
LMCV	LMCV-MCH-23a-	MECHANICAL	Airflow Rate All Zones Calling Only
LMCV	LMCV-MCH-23b-	MECHANICAL	Airflow Rate Every Zonal Control Mode
LMCV	LMCV-MCH-23c-	MECHANICAL	Airflow Rate Best
LMCV	LMCV-MCH-23d-	MECHANICAL	Airflow Rate Measurement Only All Zones Calling Only
LMCV	LMCV-MCH-23e-	MECHANICAL	Airflow Rate All Zones Calling Only With CFVCS
LMCV	LMCV-MCH-23f-	MECHANICAL	Airflow Rate-Every Zonal Control Mode-With CFVCS
LMCV	LMCV-MCH-24a-	MECHANICAL	Enclosure Air Leakage Worksheet-Single Point Test-Manual Meter
LMCV	LMCV-MCH-24b-	MECHANICAL	Enclosure Air Leakage Worksheet-Single Point Test-Automatic Meter
LMCV	LMCV-MCH-25a-	MECHANICAL	Refrigerant Charge-Superheat
LMCV	LMCV-MCH-25b-	MECHANICAL	Refrigerant Charge-Subcooling
LMCV	LMCV-MCH-25c-	MECHANICAL	Refrigerant Charge-Weigh in Observation
LMCV	LMCV-MCH-25d-	MECHANICAL	Refrigerant Charge-FID
LMCV	LMCV-MCH-25e-	MECHANICAL	Refrigerant Charge- Winter Set Up
LMCV	LMCV-MCH-26-R	MECHANICAL	Rated System Verification

# APPENDIX A Compliance Documents

Page 7

Type	Abbreviation	Category	Document Description
LMCV	LMCV-MCH-27b-	MECHANICAL	Continuous Mech Vent-Fan Vent Rate Method
LMCV	LMCV-MCH-28-R	MECHANICAL	Return Duct And Filter Grille Design-Table 150
LMCV	LMCV-MCH-29-S	MECHANICAL	Supply Duct Surface Area Buried Ducts
LMCV	LMCV-MCH-32-L	MECHANICAL	Local Mechanical Exhaust
LMCV	LMCV-MCH-33-V	MECHANICAL	VCHP Compliance Credit
LMCV	LMCV-PLB-21-H	PLUMBING	HERS-Multifamily Central Hot Water System Distribution
LMCV	LMCV-PLB-22-H	PLUMBING	HERS-Individual Dwelling Unit Hot Water System Distribution