



Instructions

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| Component/System | Requirement | Code Section | Plan Review Notes | Plan Review Items | Complies | N/A |
|---|---|--------------|--|---|--------------------------|--------------------------|
| ENVELOPE REQUIREMENTS | | | | | | |
| Certification | Responsible design professional certification on plans | 104.1* | | <input type="checkbox"/> Signed statement on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Construction documents | Include: <ul style="list-style-type: none"> ▪ Insulation R-values ▪ Fenestration U-factors and solar heat gain coefficients (SHGCs) | 104.2 | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Roof – insulation above deck | R-15 | 502.2 | Typically foam board on the roof deck. If tapered, R-value in some areas can be lower than the requirement if designer shows that weighted-average U-factor complies. | <input type="checkbox"/> Insulation location on plans <input type="checkbox"/> Insulation R-value on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Roof – metal building | R-19 + R-10 (with R-5 thermal block) | 502.2 | Typically two layers of batt insulation. One draped over purlins with enough slack to allow the second layer to be installed on top and parallel to the purlins. Also with R-5 foam block between purlins and metal roof deck. | <input type="checkbox"/> Insulation R-value on plans <input type="checkbox"/> Thermal block indicated on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Roof – attic or other | R-30 | 502.2 | This category includes attics, cathedral ceilings, and insulation installed under the roof deck. Insulation on top of suspended ceiling is not allowed for compliance. | <input type="checkbox"/> Insulation location on plans <input type="checkbox"/> Insulation R-value on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Wall – mass (CMU or concrete) | No insulation required | 502.2 | | | <input type="checkbox"/> | <input type="checkbox"/> |

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| Wall – metal building | R-13 | 502.2 | May be compressed as the metal skin is attached to the girts. | <input type="checkbox"/> Insulation shown on plans <input type="checkbox"/> Insulation R-value on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Wall – metal frame | R-13 | 502.2 | Requires insulation in framing cavity | <input type="checkbox"/> Insulation location on plans <input type="checkbox"/> Insulation R-value on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Wall – wood frame and other | R-13 | 502.2 | Requires insulation in framing cavity | <input type="checkbox"/> Insulation location on plans <input type="checkbox"/> Insulation R-value on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Door - swinging | U-0.70 | 502.2 | Most hollow or filled-core opaque metal or wood doors comply. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Door – non-swinging | U-1.45 | 502.2 | No insulation required for roll-up and sliding applications. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Low-slope roof membrane | No requirement | | No cool-roof requirement. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Windows – maximum area | ≤ 40% of gross wall area | 502.3 | If the project cannot comply with the prescriptive limit on window area, then it must comply with ASHRAE Standard 90.1-2004. | <input type="checkbox"/> ≤40% window area | <input type="checkbox"/> | <input type="checkbox"/> |
| Windows – solar heat gain coefficient (SHGC) | ≤ 0.25 if projection factor < 0.25. ≤ 0.33 if projection factor 0.25-0.5. ≤ 0.40 if projection factor ≥ 0.5. | 502.3 | Requires tinted and/or coated glazing to comply. Many combinations are possible. Projection factor = horizontal projection of overhang ÷ vertical distance from overhang to bottom of window. | <input type="checkbox"/> SHGC indicated on plans <input type="checkbox"/> Overhang dimensions on plans, if applicable | <input type="checkbox"/> | <input type="checkbox"/> |
| Windows – U-factor | ≤ 1.20 | 502.3 | Single-pane glazing complies. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Skylights – minimum area | No requirement | | | | | |
| Skylights – maximum area | ≤ 3% of gross roof area | 502.3 | If the project cannot comply with the prescriptive limit on skylight area, then it must comply with ASHRAE Standard 90.1-2004. | <input type="checkbox"/> ≤3% skylight area | <input type="checkbox"/> | <input type="checkbox"/> |
| Skylights – solar heat gain coefficient (SHGC) | ≤ 0.40 glass ≤ 0.35 plastic | 502.3 | Requires tinted and/or coated glazing. Many combinations are possible. | <input type="checkbox"/> SHGC indicated on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Skylights – U-factor | ≤ 1.60 glass ≤ 1.90 plastic | 502.3 | Single-pane skylights will comply | | <input type="checkbox"/> | <input type="checkbox"/> |

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| Air leakage | <ul style="list-style-type: none"> ▪ Fenestration air leakage ▪ Sealing of the building envelope ▪ Outdoor air intakes and exhaust openings. ▪ Loading-dock weatherseals ▪ Recessed lighting | 502.4 | <ul style="list-style-type: none"> ▪ Max. fenestration leakage rates in Sections 502.4.1 and 502.4.2. ▪ Openings and penetrations are caulked or gasketed. ▪ Air intakes, exhaust openings, stairways, and shafts have dampers. ▪ Loading-dock doors have weatherseals. ▪ Recessed lighting is IC rated and sealed. | | <input type="checkbox"/> | <input type="checkbox"/> |

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|---|---|--------------|--|---|--------------------------|--------------------------|
| MECHANICAL SYSTEM REQUIREMENTS | | | | | | |
| Certification | Responsible design professional certification on plans | 104.1* | | <input type="checkbox"/> Signed statement on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Information on construction documents | Include: <ul style="list-style-type: none"> ▪ Equipment type, capacity and efficiency ▪ System controls ▪ Fan motor hp and controls ▪ Duct sealing ▪ Duct and pipe insulation and location | 104.2 | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Mechanical system commissioning and completion | <ul style="list-style-type: none"> ▪ Include construction document notes indicating commissioning requirements ▪ Provide evidence of commissioning and completion prior to final inspection. | 503.2.9* | Applies to all new HVAC systems. Commissioning plan can be located in a separate document as long as notes on the plans include a reference to the plan. System adjusting and balancing to be completed according to generally accepted engineering standards. Some specific requirements are listed in the code amendment. | <input type="checkbox"/> Notes on plans indicate commissioning requirements | <input type="checkbox"/> | <input type="checkbox"/> |

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| HVAC equipment performance | Tables 503.2.3(1) - 503.2.3(11) | 503.2.3 | Cooling efficiency rated by SEER, EER, or COP. Requirement varies by equipment type and cooling capacity. | <input type="checkbox"/> Cooling efficiency listed on plans <input type="checkbox"/> Cooling capacity listed on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| HVAC system controls | <ul style="list-style-type: none"> ▪ Thermostatic controls ▪ Off-hour controls ▪ Shutoff dampers | 503.2.4 | Automatic off-hour thermostat control required. | <input type="checkbox"/> Appropriate controls indicated on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Ventilation | Outdoor air ventilation per IMC | 503.2.5 | Natural or mechanical ventilation required for all spaces. | <input type="checkbox"/> Outdoor air ventilation rates listed on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Energy Recovery Ventilation | Energy recovery with effectiveness $\geq 50\%$ required for systems with supply air flow $\geq 5,000$ cfm and minimum outdoor air $\geq 70\%$. Several exceptions listed in the code. | 503.2.6 | Complying systems are typically heat-recovery wheels that extract sensible heat and moisture from ventilation air and transfer it to exhaust air. | <input type="checkbox"/> Heat-recovery equipment and control sequence on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Duct and plenum insulation | $\geq R-5$ in unconditioned space $\geq R-8$ outdoors | 503.2.7 | | <input type="checkbox"/> Duct insulation R-value on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Duct and plenum sealing | Sealed per IMC | 503.2.7 | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Piping insulation | Minimum thickness per table 503.2.8 | 503.2.8 | For chilled water systems, minimum insulation thickness is 1" for pipes ≤ 1.5 " diameter and 1.5" for larger pipes. | <input type="checkbox"/> Pipe insulation thickness on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| VAV fan control | Variable flow fans with motors ≥ 10 hp have variable-speed control | 503.4.2 | In addition, if the system has direct-digital control, then static pressure reset controls are required. | <input type="checkbox"/> Variable-speed fan control on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Hydronic system controls | <ul style="list-style-type: none"> ▪ Part-load controls for CHW systems ≥ 300 kBtu/hr ▪ Pump isolation with multiple chillers or boilers | 503.4.3 | <p>If ≥ 300 kBtu/hr cooling capacity, then variable flow required with variable-speed pumps or staged pumps. Supply water temperature reset controls also required.</p> <p>Plants with multiple chillers shall automatically reduce flow when a chiller is shut down.</p> | <input type="checkbox"/> Pump control on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Heat rejection equipment fan speed control | Speed control for cooling tower fans ≥ 7.5 hp | 503.4.4 | Cooling tower fans ≥ 7.5 hp required to have multi-speed or variable-speed control with automatic temperature control. | <input type="checkbox"/> Cooling tower fan motor hp on plans <input type="checkbox"/> Fan control on plans (if applicable) | <input type="checkbox"/> | <input type="checkbox"/> |

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| Multiple-zone systems | Variable air flow | 503.4.5 | In variable air volume (VAV) systems, reheat is not permitted except when airflow is reduced to a minimum level specified in the code. | <input type="checkbox"/> VAV box max. and min. airflow shown on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Heat recovery for service water heating | Condenser heat recovery for systems operating 24 hr/day with water-cooled cooling capacity $\geq 6,000$ kBtu/hr and service water heating load $\geq 1,000$ kBtu/hr | 503.4.6 | Most typically applies to hotels, high-rise residential buildings, and hospitals. Typical systems are heat-recovery chillers and heat-pump water heaters. | <input type="checkbox"/> Heat recovery equipment on plans | <input type="checkbox"/> | <input type="checkbox"/> |

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| Component/System | Requirement | Code Section | Plan Review Notes | Plan Review Items | Complies | N/A |
|---|--|--------------|--|--|--------------------------|--------------------------|
| SERVICE WATER HEATING REQUIREMENTS | | | | | | |
| Certification | Responsible design professional certification on plans | 104.1* | | <input type="checkbox"/> Signed statement on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Information on construction documents | Include <ul style="list-style-type: none"> ▪ Water heating equipment type, size and efficiency ▪ System controls ▪ Pipe insulation and location | 104.2 | | | <input type="checkbox"/> | <input type="checkbox"/> |
| System commissioning | No requirement for water heating systems. | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Service water-heating equipment efficiency | Efficiency per Table 504.2 | 504.2 | Table covers electric resistance, heat pump, storage gas, instantaneous gas, and pool heaters. | <input type="checkbox"/> Equipment capacity and efficiency listed on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Temperature controls | Allow setpoint of 110°F for dwelling units and 90°F for other occupancies. Public lavatories limited to 110°F. | 504.3 | | | | |
| Heat traps | For non-circulating systems provide equipment with integral heat traps or provide heat traps on supply and discharge piping. | 504.4 | Intent is to prevent thermosiphoning in non-circulating systems. Heat trap may be integral to the water heater. May be a 180 degree bend in inlet and outlet pipe. | <input type="checkbox"/> Heat trap(s) indicated on plans (if applicable) | <input type="checkbox"/> | <input type="checkbox"/> |

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| Pipe insulation | Minimum insulation thickness: <ul style="list-style-type: none"> ▪ 1" for circulating systems ▪ ½" for non-circulating storage systems: first 8 ft from tank (or from tank to heat trap) on inlet and outlet. | 504.5 | | <input type="checkbox"/> Insulation location and thickness indicated on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Maximum supply pipe length/volume | No requirement | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Circulation system controls | Automatic controls or manual controls to turn off pump when system is not in operation | 504.6 | Controls must be accessible. | <input type="checkbox"/> Circulation controls indicated on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Pools | <ul style="list-style-type: none"> ▪ Readily accessible on/off switch ▪ No continuous pilot light ▪ Time switch for heater and pumps ▪ Pool covers required, except with >60% site-recovered/solar heat | 504.7 | | <input type="checkbox"/> Readily accessible pool heater on/off switch <input type="checkbox"/> Time switch on heater and pump <input type="checkbox"/> Pool cover or <input type="checkbox"/> site-recovered heat | <input type="checkbox"/> | <input type="checkbox"/> |

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| LIGHTING AND ELECTRICAL REQUIREMENTS | | | | | | |
| Certification | Responsible design professional certification on plans | 104.1* | | <input type="checkbox"/> Signed statement on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Information on construction documents | Include <ul style="list-style-type: none"> ▪ Lighting fixture schedule with input power ▪ Lighting control narrative | 104.2 | This information is necessary for the reviewer to be able to verify lighting power compliance. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Lighting system functional testing | No requirement. | | | | | |
| Dwelling unit lighting | No requirement. | 505.1 | Hotel guest rooms are not considered dwelling units and must meet the lighting requirements. | | | |
| Controls - manual | Each space must have at least one manual lighting control, except in security areas and in stairways and corridors that are egress paths | 505.2.1 | Controls may be either located within the space or may be remote if the switch identifies the space served and the status. | <input type="checkbox"/> Controls on plans | <input type="checkbox"/> | <input type="checkbox"/> |

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| Controls – light reduction | Controls allow occupants to reduce the lighting load by at least 50% with reasonably uniform illumination. Exceptions: <ul style="list-style-type: none"> ▪ Areas with only one luminaire ▪ Areas with occupant sensor control ▪ Corridors, storerooms, restrooms, and public lobbies ▪ Sleeping units ▪ Spaces with lighting power <0.6W/sf | 505.2.2.1 | Methods: <ul style="list-style-type: none"> ▪ Dimming or multi-level switching of all luminaires in a space. ▪ Dual switching of alternate luminaires ▪ Independently switching each luminaire | <input type="checkbox"/> Controls on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Controls – automatic lighting shutoff | Buildings >5,000 sf must have automatic scheduled controls or occupant sensors. Exceptions for <ul style="list-style-type: none"> ▪ Sleeping unit ▪ Patient care areas ▪ Areas where shutoff would endanger occupants. | 505.2.2.2 | Also requires occupant override capability and holiday scheduling capability. Some exceptions listed in the code. | <input type="checkbox"/> Time switch controls or occupancy sensor controls on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Controls - daylight-responsive | No requirement | | | | | |
| Controls – display & accent lighting | No requirement | | | | | |
| Controls – guest rooms | Hotel and motel guest rooms shall have a master switch at the main entry door that controls all permanently-wired lightings and switched receptacles, except for those in the bathroom. | 505.2.3 | Manual controls are acceptable. | <input type="checkbox"/> Controls indicated on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Exit signs | ≤ 5 watts per face | 505.4 | | <input type="checkbox"/> Indicated in fixture schedule | <input type="checkbox"/> | <input type="checkbox"/> |

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| Total connected interior lighting power | Includes input power for all proposed luminaires. Some exceptions apply. Special cases: <ul style="list-style-type: none"> ▪ Screw-in luminaires. Rated luminaire power (not the lamp power) ▪ Low-voltage lighting. Power rating of the transformer (not the lamp power) ▪ Line-voltage track lighting. Input power for the proposed luminaire power (but not less than 30 W/linear foot) or the power of the circuit breaker or other current-limiting device. | 505.5.1 | Note that luminaire input power is not necessarily equal to the rated watts of the lamps. Input power for fluorescent and HID fixtures depends on the lamp/ballast combination. The input power for the specified fixtures must be listed in the fixture schedule on the plans. Pay special attention to the special cases such as screw-base fixtures as noted to the left. | <input type="checkbox"/> All fixtures located and identified on plans <input type="checkbox"/> Fixture schedule includes input power for each fixture | <input type="checkbox"/> | <input type="checkbox"/> |
| Interior lighting power allowance | Total connected power shall be no greater than allowance based on building type and floor area. | 505.5.2 | Lighting-power-density allowances are listed in Table 505.5.2. Includes an additional allowance for retail display lighting. Though not required by code, ideally the designer includes a table on the plans showing the allowed lighting power calculation (listing space types and floor areas) along with a total of the connected lighting power. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Exterior lighting controls | Automatic control required for all exterior lighting. <ul style="list-style-type: none"> ▪ Dusk-to-dawn lighting shall have either photocell control or an astronomical timeclock. ▪ Lighting not designated for dusk-to-dawn shall have astronomical time-clock control. Some exceptions apply. | 505.2.4 | Time switches required to have at least 10 hours battery backup. | <input type="checkbox"/> Controls indicated on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Exterior lighting efficacy | Luminaires >100W shall have efficacy ≥60 lumens/watt | 505.6.1 | Typically satisfied by fluorescent, high-intensity-discharge, induction, and LED type lamps. | <input type="checkbox"/> Fixture schedule includes efficacy or includes lumen output and power input for each fixture | <input type="checkbox"/> | <input type="checkbox"/> |

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| Exterior building lighting power | Maximum allowed power listed in Table 505.6.2 includes: <ul style="list-style-type: none"> ▪ Tradeable allowance ▪ Non-tradeable allowance Exceptions apply to some exterior lighting applications. | 505.6.2 | Though not required by code, ideally the designer includes a table on the plans showing the allowed lighting power calculation for both tradeable and non-tradeable exterior lighting areas along with a total of the connected exterior lighting power. | <input type="checkbox"/> All fixtures located and identified on plans <input type="checkbox"/> Fixture schedule includes input power for each fixture | <input type="checkbox"/> | <input type="checkbox"/> |
| Electricity meters | Each dwelling unit has a separate electric meter. | 505.7 | | <input type="checkbox"/> Meters indicated on plans | <input type="checkbox"/> | <input type="checkbox"/> |
| Electrical transformers | No requirement | | | | | |
| Electrical motors | No requirement | | | | | |
| Vertical and horizontal transportation systems | No requirement | | | | | |
| Electrical sub-metering | No requirement | | | | | |

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| ADDITIONS | | | | | | |
| General | Requirements for new construction apply to additions. Unaltered portions of the existing building are not required to comply. | 101.4.3 | There are two general compliance options: 1. The addition alone 2. The addition + existing building as one building | | <input type="checkbox"/> | <input type="checkbox"/> |
| Windows – maximum area | Total building window area including addition ≤ 40% of gross wall area | 502.3 | If the project cannot comply with the prescriptive limit on window area, then it must comply with Section 506 Total Building Performance or ASHRAE Standard 90.1-2004. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Window – U-factor and SHGC | Same as new construction. See envelope checklist | 502.3 | Requirements do not apply when glass is replaced in an existing sash (101.4.3). | | <input type="checkbox"/> | <input type="checkbox"/> |
| Skylights – maximum area | Total building skylight area including addition ≤ 3% of gross roof area | 502.3 | If the project cannot comply with the prescriptive limit on skylight area, then it must comply with Section 506 Total Building Performance or ASHRAE Standard 90.1-2004. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Skylight – U-factor and SHGC | Same as new construction. See envelope checklist | 502.3 | Requirements do not apply when glass is replaced in an existing sash (101.4.3). | | <input type="checkbox"/> | <input type="checkbox"/> |
| Mechanical systems | Requirements for new systems and equipment serving additions are the same as for new construction. See the mechanical checklist. | 101.4.3 | Unaltered portions are not required to comply. | | <input type="checkbox"/> | <input type="checkbox"/> |

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| Service water heating | Requirements for new equipment, controls and piping serving additions are the same as for new construction. See the service water heating checklist. | 101.4.3 | Unaltered portions are not required to comply. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Pools and spas | Requirements for new pools and in-ground spas are the same as for new construction. See the service water heating checklist. | 101.4.3 | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Interior lighting | Requirements for lighting systems in additions are the same as for new construction. See the lighting checklist. | 101.4.3 | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Exterior lighting | Requirements for exterior lighting systems for additions are the same as for new construction. See the lighting checklist. | 101.4.3 | | | <input type="checkbox"/> | <input type="checkbox"/> |



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| ALTERATIONS | | | | | | |
| General | New-construction requirements apply to altered portions of the building. Unaltered portions are not required to comply. | 101.4.3 | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Change in occupancy | Full compliance is required for buildings undergoing a change in occupancy that would result in an increase in energy consumption. | 101.4.4 | | | <input type="checkbox"/> | <input type="checkbox"/> |
| Roof | No requirement: <ul style="list-style-type: none"> ▪ Roof recover ▪ Ceiling/roof cavity not exposed New-construction requirements: <ul style="list-style-type: none"> ▪ New roof ▪ Alteration where ceiling/roof cavity is exposed (exception if cavity is filled with insulation) | 101.4.3 | <ul style="list-style-type: none"> ▪ Any new roof must meet the requirements for a new roof. ▪ Roof alterations that expose the ceiling or roof cavity where that cavity is part of the thermal envelope shall meet the R-value requirement for new roofs, except a lower R-value is allowed if the cavity is filled with insulation. | | <input type="checkbox"/> | <input type="checkbox"/> |

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| Wall | No requirement: <ul style="list-style-type: none"> ▪ Wall cavity is not exposed New-construction requirements: <ul style="list-style-type: none"> ▪ Wall cavity is exposed (exception if cavity is filled with insulation) | 101.4.3 | If a wall cavity is exposed during alteration, then it shall be insulated to meet the new-construction requirement. However, it is acceptable to install a lower R-value if the cavity is filled (i.e. not deep enough to meet the code requirement). | | <input type="checkbox"/> | <input type="checkbox"/> |
| Windows – maximum area | Total building window area after added windows ≤ 40% of gross wall area | 502.3 | If the project cannot comply with the prescriptive limit on window area when new windows are added, then it must comply with Section 506 Total Building Performance or ASHRAE Standard 90.1-2004. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Window – U-factor and SHGC | Same as new construction. See envelope checklist | 502.3 | Requirements do not apply when glass is replaced in an existing sash (101.4.3). | | <input type="checkbox"/> | <input type="checkbox"/> |
| Skylights – maximum area | Total building skylight area after added skylights ≤ 3% of gross roof area | 502.3 | If the project cannot comply with the prescriptive limit on skylight area when new skylights are added, then it must comply with Section 506 Total Building Performance or ASHRAE Standard 90.1-2004. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Skylight – U-factor and SHGC | Same as new construction. See envelope checklist | 502.3 | Requirements do not apply when glass is replaced in an existing sash (101.4.3). | | <input type="checkbox"/> | <input type="checkbox"/> |
| Mechanical systems | New heating, cooling and duct systems are required to meet new construction requirements. | 101.4.3 | For example, replacement air conditioners must meet the efficiency requirements, and new ducts must meet the insulation requirements. Unaltered portions of the system are not required to comply. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Service water heating systems | New water heating systems are required to meet new construction requirements. | 101.4.3 | Unaltered portions of the system are not required to comply. | | <input type="checkbox"/> | <input type="checkbox"/> |
| Lighting systems | New lighting systems that are part of an alteration are required to meet new construction requirements. | 101.4.3 | | | <input type="checkbox"/> | <input type="checkbox"/> |