



Energy Code Checklist for Commercial Construction

(This information is required for New Commercial Buildings, Additions, Alterations, Repairs, and other Permits as Applicable)

Required Information on Construction Documents

- Insulation materials and their R-values
- Air sealing details
- Building thermal envelope depiction
- Fenestration U-factors and SHGC
- Mechanical system design criteria
- Economizer description
- Equipment and system controls
- Fan motor hp and controls
- Duct sealing, duct and pipe insulation, and location
- Lighting schedule with wattage and control narrative
- Location of daylight zones on floor plans
- Vertical fenestration area and skylight area
- Calculation for heating and/or cooling loads
- Mechanical ventilation documentation
- COMchecks to include envelope, interior and exterior lighting, mechanical (include water heating equipment), and additional efficiency packages

**All items listed above must be inspected and verified prior to concealment or issuance of a Certificate of Occupancy*

Notes:

- i. For further clarification of the above items, please refer to the 2018 International Energy Conservation Code (IECC)
- ii. Mesa County Building Department has other useful code related materials available at www.mesacounty.us
- iii. For free, up-to-date energy references, energy training, and energy code info, visit www.energycodes.gov