



2015 IBC

## Commercial-Mechanical check list

- Plans are to reference all applicable codes: 2015 IMC, IFGC, WSEC, IBC.
- Include weight of all equipment.
- If equipment is sized by zones, indicate zones on floor plans. This will facilitate verification of all a/c and heating equipment. (IMC, WSEC)
- Provide square footage of each zone with use. Also include summary to comply with IMC 403.3.1.1
- Gas piping is to be installed per IFGC.
- If mechanical system is designed by an engineer, the plans are to be stamped by that engineer.
- All equipment is to have seismic strapping/restraints.
- All projects involving equipment weighing more than 400 pounds require the following information, unless the equipment is installed on the ground:
  - Show transfer of equipment load to the nearest supporting element, such as a room joist to bearing wall or to beam and column system. Also show seismic restraints as required. (2015 IMC 301.18 and IBC 1705.12, 1705.12.6)
  - Structural calculations with structural engineer's wet-stamp and original signature. Provide one photo copy of calcs also. (Note all structural details must be included on the plans.)
  - Note: special inspections are required for mechanical and electrical components as stated in IBC 1705.12.6

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### GENERAL INFORMATION:

- Obtain a building permit before starting construction.