



Mechanical Vent Inspection Checklist

Commercial Inspections

DevelopmentATX.com | Phone: 311 (or 512-974-2000 outside Austin)
For submittal and fee information, see austintexas.gov/digitaldevelopment

This checklist is provided as a reference tool, and it is not intended to be exhaustive of all possible requirements. Please refer to the latest adopted International Building Code (IBC), International Residential Code (IRC), International Energy Conservation Code (I.E.C.C) Local Amendments to the International Residential Code (IRC-LA), I.E.C.C (IECC-LA), the City of Austin Building Criteria Manual (BCM), the Uniform Plumbing Code (UPC), the City of Austin Land Development Code (LDC), and the National Electric Code (NEC) for code sections listed below.

- IRC, IECC and IBC <https://codes.iccsafe.org/public/collections/I-Codes>
- Local amendments <https://library.municode.com/TX/Austin>
- UPC and UMC <http://www.iapmo.org/>
- NEC <https://www.nfpa.org/>

Please verify the following before scheduling the inspection:

402 Vent

- The contractor or person doing the work has reviewed the approved plans and can ensure that the construction being inspected is consistent and ready for inspection.
- Job address is posted in a visible location. IBC (F)502.1
- Contractor has a set of “approved plans,” either electronic or paper, on site.
UMC 104.4.1, 104.4.6, and 302.3.3
- All materials are listed and approved for use. *UMC 301.2 & 302.0 & 602.1*
- All required inspections have been completed prior to allowing any portion of the mechanical system to be covered; this includes walls, ceilings, and/or underground.
- Proper material and locations of outside air louvers and material are being used.
UMC-LA 402.3.1, Table 402.3.1, and 318.0
- Exhaust openings are covered with corrosion resistant screen and not less than ¼ inch and not bigger than ½ inch in size. *UMC 502.1 & UMC-LA 318.0*
- Confirm that environmental air ducts terminate at the proper locations and distances from fresh air intake, windows, doors and property lines. *UMC 502.2.1 & 502.2.2*
- All exhaust systems are independent from each other. *UMC 504.2*
- Domestic range venting is a rigid smooth interior connection. *UMC 504.3*
- All exhaust terminates outside of the building and is equipped with a backdraft damper.
UMC 504.1.1 & UMC-LA 504.1.2
- Dyer vent is run with the minimum material (26 gauge) and assembled correctly. *UMC-LA 504.4*
- Length limitations for dryer vents do not exceed the limitations of pipe and fittings combined. *UMC-LA 504.4*
- Duct supports for venting meet the UMC and SMACNA Standards. *UMC-LA 504.4(B)*