



# Mechanical Cooler/Freezer Rough Inspection Checklist Commercial Inspections

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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:**

## 404 Cooler/Freezer Rough

- 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 501.2*
- 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 equipment, appliances, and materials used are listed and approved. *UMC 301.2, 302.0, and 602.1*
- Refrigeration appliances are installed according to manufacturer’s instructions. *UMC 935.0*
- Contractor has a copy of the manufacturer’s installation instructions on site for review as needed. *UMC 935.0*
- No portion of the system has been covered, concealed, put into use, or connected to an energy fuel source line before being inspected and/ or authorized. *UMC 105.1*
- Equipment is accessible for cleaning, maintenance, and/ or replacement of filters or parts. *UMC 304.1*
- A permanent ladder is provided for equipment located more than 15 feet off of the ground. *UMC 304.3.1*
- Proper condensate collection and drainage are in place. *UMC 310.1*
  - Discharges to an approved location
  - DOES NOT discharge onto a public walkway
- Condensate drain pipe maintains required slope until it reaches its desired location. *UMC 310.1*
- A secondary protection method is installed if damage to construction could result from a condensate line overflow. *UMC 310.2*
- Outdoor equipment supported directly by the ground is isolated from the ground by a level concrete slab and meets the minimum clearance from the adjacent ground. *UMC 934.4.2*

NOTE: In some cases, a walk-in cooler permit exists although coolers or freezers are not present. These often get overlooked. If present, remind the contractor that these permits need to get called in prior to requesting a TCO or Final.