



Southern Nevada Building Officials

DATE: December 1, 2008
TO: Architects, Engineers, Contractors, Construction Industry Representatives and Associations, and Interested Parties
FROM Neil Burning, Chairman, SNBO Steering Committee
SUBJECT: Refrigeration Systems Submittal Checklist

The following are minimum requirements for refrigeration systems. Specific applications may require additional information.

1. Refrigeration plans shall be drawn to scale on substantial paper and be signed and sealed per Nevada Revised Statutes.
2. A complete material and equipment schedule, including the equipment make, model, compressor horsepower, equipment weight, refrigerant types, and quantities of refrigerant in each system, etc.
2. Cut sheets for specific equipment may be required.
3. Mounting details for all roof-mounted equipment.
4. Architectural and Mechanical plans showing the location of all equipment and piping. Roof plan showing location of all racks and condensers.
5. Plans must show the location of all condensate lines, including freeze protection.
6. Plans must provide calculations for all refrigeration rooms or spaces showing conformance with the Uniform Mechanical Code (UMC), Section 1105.2.
7. Refrigerated process or storage areas exceeding the quantities of the UMC, Table 11-1, shall conform to the UMC, Section 1105.3.
 - a. The room or space must have a vapor detection and alarm system.
 - b. The room or space must be sealed from all other portions of the building.
10. Exiting must comply with International Building Code (IBC), Chapter 10, including Sections 1015.4. and 1015.5
11. Refrigeration machinery rooms required by UMC, Section 1107.1 must conform to all the requirements of the UMC, Chapter 11 and plans must demonstrate compliance.

Southern Nevada Building Officials

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