


REFRIGERATION CODE COMPLIANCE REVIEW

Evaluate System to Compare to Current Codes and/or As-Built

What Codes and Standards Apply to Your System?

It is an owner's responsibility to know the codes and standards that apply to their refrigeration system. Code compliance is one of the most technical and time consuming parts of refrigeration system management. iWorkWise provides a comprehensive on-site evaluation of your facility to address this requirement.

The Code Compliance Review is a detailed examination of your ammonia system, including SRVs, SRV discharge lines and header(s), ventilation systems and safety systems. The report lists all equipment and relevant codes, provides recommendations to get your system into compliance, and photo documents the system.

Code Number	Code Requirement	Recommendations	Priority	Photos
1 ANSI/ASHRAE 15 2010 - 8.2	Moving machinery shall be guarded in accordance with approved safety standards.	FINDING: Compressors are not well guarded; there are large spaces at the ends of the guard that allow hand access to the drive. RECOMMENDATION: Fabricate guards to fully cover compressor motor couplings.	1	See Photo 1 
2 IMC 2012 - 1101.3	Any portion of a refrigeration system that is subject to physical damage shall be protected in an approved manner.	FINDING: The top hose connection nipple on many of the plate freezers is bent. RECOMMENDATION: Find the cause and correct it to prevent additional damage and potentially a release.	1	See Photos 2-3
3 IMC 2012 - 1101.7	Mechanical refrigeration systems shall be maintained in proper operating condition, free from accumulations of oil, dirt, waste, excessive corrosion, other debris and leaks.	FINDING: Plate freezer frames are severely rusted. The current frames may no longer be suitable to hold/anchor the weight of the freezer and product. See attached photo. RECOMMENDATION: Repair or replace the freezer frames. Ensure frames are anchored to the floor.	1	See Photo 4
4 ANSI IAR 2 2008 - 13.3.3.4	If motorized dampers are utilized they shall be of the power to close and spring to open type.	FINDING: Air intake louvers are motorized and do not fail safe. RECOMMENDATION: Reengineer intake louvers to be spring-open/power-close, or replace them with another fail open type.	1	

Sample format for Code Compliance Review listing applicable codes, compliance recommendations, and link to photo documentation

Let us help you get into code compliance and stay in compliance.

Your system will be compared to current codes to allow you and your team to evaluate system safety. Grandfathering issues can be explored as needed.



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