

ANSI/IIAR 6-2019:
**Inspection, Testing, and Maintenance of Closed-Circuit
Ammonia Refrigeration Systems**



Released on May 20, 2019, IIAR 6 is the newest ANSI-approved standard to be published by IIAR. As evident in its title, it focuses on the minimum requirements for the inspection, testing, and maintenance (ITM) of ammonia refrigeration systems. Its purpose is to assist in identifying the components that must be inspected, tested, and maintained; the ITM tasks to be performed; and how often those tasks need to be completed.

In general, the standard covers the following:

- Requirements for developing an inspection, testing, and maintenance (ITM) program to reduce the likelihood of an ammonia release.
- Requirements for conducting inspections, tests, and maintenance.
- Specific ITM tasks to be performed categorized by the type of equipment.
- Frequencies for performing the ITM tasks.
- Information that must be documented when performing an inspection or test.
- Types of records to be maintained and how long they must be kept.

As stated on IIAR's website, IIAR 6 is intended to be incorporated as part of a Mechanical Integrity Program as recognized and generally accepted good engineering practices (RAGAGEP). It ultimately replaces IIAR Bulletin 109 and IIAR Bulletin 110, which have now been discontinued. **Due to the RAGAGEP requirements within the PSM and RMP regulations, we highly encourage owners/operators to review and evaluate their existing Mechanical Integrity program against the IIAR 6 requirements.**

Visit IIAR's website (www.iiar.org) for more information. Hard copies of IIAR 6 are available for purchase on the website, and an electronic version can be viewed online by IIAR members.

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