



Safety Bulletin Number: **0000036**

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## Ice Rink Refrigeration System Safety

### Summary

The Safety Branch makes the following six recommendations to help improve ice rink refrigeration system safety and prevent serious injury.



Implement procedures that provide clear guidance and instructions to employees regarding the hazards associated with refrigeration systems and actions necessary to maintain a safe environment.



Refrigeration mechanical rooms should only be accessed by qualified personnel or under escort of a qualified person. Employees should be made aware of all emergency stop switches, location of emergency ventilation switches, emergency exits, and how to secure a 'leak tight' mechanical room.



Develop and implement applicable emergency situational guidance, regarding ammonia systems, that can be taught and posted in readily accessible areas, both inside and outside the mechanical room.



Implement a brine testing program and ensure refrigeration operators, refrigeration mechanics and power engineers are trained on its use.



# SAFETY BULLETIN



Conduct an assessment and test of ventilation systems to evaluate effective internal ventilation of the mechanical room and external discharge in a manner that minimizes risk of exposure.



Implement a refrigeration system maintenance program that addresses: equipment and safety device wear-out and/or end-of-life; resources; approvals; and accountability.

## Contact us

For more information about regulations, questions, or support, contact Safety Branch by phone: 1-800-9LABOUR (1-800-952-2687) or email: [SafetyBranch@novascotia.ca](mailto:SafetyBranch@novascotia.ca).

