

**Project:**  
Ammonia Refrigeration  
System

**Client:** Lucan Arena  
**Year:** 2020







**Solution:** Replacement of  
ammonia ice rink refrigeration  
system for a municipal ice rink



**Features:**

- Supply and installation of an 80TR ammonia plate and frame chiller with surge vessel
- New insulation for surge vessel
- Piping modifications as required
- Cutout and removal of existing chiller vessel
- Pump-out and recovery of ammonia as required
- PLC controls
- Electrical and mechanical installation
- Commissioning, factory testing and operator training

**Highlights:**

-  Custom Engineered
-  Ammonia
-  Factory Tested
-  Insulation
-  Installation
-  Commissioning

Replacement of existing chiller to a plate and frame chiller for a municipal ice rink. Scope of service included an 80TR ammonia plate and frame chiller with surge vessel, new insulation for surge vessel, piping modifications as required, cutout and removal of existing chiller vessel, pump-out and recovery of ammonia as required, PLC controls, electrical and mechanical installation, commissioning, factory testing and operator training.

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