

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.