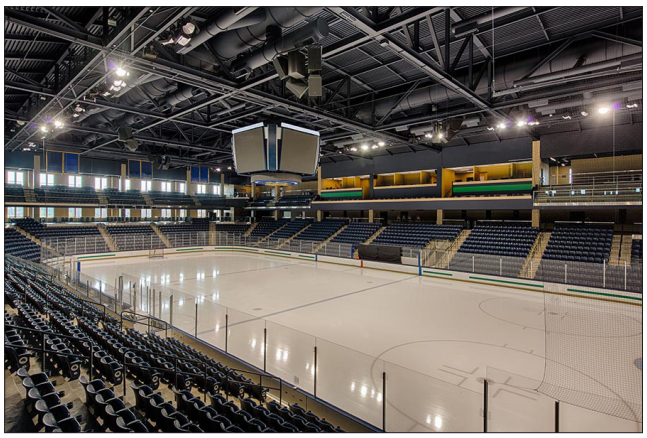
Case History Spotlight #461: Corrosion Control for Ice Arena



A university in New York used a 30% calcium chloride brine solution in cooling systems at its ice arena. Unfortunately, the high chloride concentration was causing carbon steel components to corrode at a rapid rate. By adding M-605 PS to the brine solution at 0.5%, the university was able to reign in corrosion rates to an acceptable level. Due to the success of the additive, the ice arena continued using M-605 PS in its cooling system for ongoing corrosion protection.

To read the full case history, please visit: **https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch461.pdf**

Keywords: Case History Spotlight, corrosion control, ice arena corrosion, cooling system corrosion, lower corrosion rates in brine, university cooling system maintenance, Cortec, chiller system corrosion, corrosion inhibitor for brine

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone: (651) 429-1100, Toll-free: (800) 4-CORTEC
Fax: (651) 429-1122, Email: productinfo@cortecvci.com
www.cortecvci.com

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