



# SHERIDAN COLLEGE

## KEY INFORMATION

**Customer**  
Sheridan College: Trafalgar  
Campus Oakville &  
Davis Campus Brampton  
Canada, Ontario

**Time scale**  
May – October 2016

**Length**  
3.5 km

**Joints**  
Appx 500

**Dimensions**  
DN100-150 single pipes  
DN25-125 double pipes

**Leak detection system**  
isoalarm model 4500

## SOLUTION

District Heating and District Cooling

## SALES RESPONSIBLE

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### Optimizing energy consumption at Sheridan College

Sheridan College has four separate campuses enrolling 40,000 students. The project focused on reducing the consumption of the two largest campuses. The goals are to reduce the college’s energy consumption by 65% and CO<sub>2</sub> emission by 45% by 2030.

### Efficient and future-proof solution

To achieve the project's goals new district heating and cooling systems were installed at Trafalgar and Davis campuses. This allowed to connect the two buildings and optimize the energy centers to operate at higher levels of efficiency.

The new heating and cooling systems also made it possible to adapt the heat supply and variable options of source heating for future upgrades and eliminate inefficient sources, as more efficient or carbon neutral alternatives can now be sourced and utilized.

isoplus supplied pre-insulated pipes and fittings for the project. Training and technical support was provided throughout the installation process and following the delivery. We worked closely together with the customer and others involved to make a timely delivery and remedy any unforeseen issues.

The isoplus group has more than 30 years' experience within the production of pre-insulated piping systems with low heat loss, delivered in accordance with the norms and demands of the industry. We are present in more than 30 countries around the world and have considerable expertise in meeting international as well as national standards. It is our ambition to be the fastest, most flexible and most reliable partner in the business.

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