



Case Study:

Canadian Chemical Company Looks to MineARC for Safe Haven Solution

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The Chemours Company is a world leader in titanium technologies, fluoroproducts, and chemical solutions. With 45 manufacturing and laboratory sites worldwide, serving customers in over 130 countries, Chemours is committed to providing high-quality, high-performance refrigerant solutions for air conditioning and refrigeration applications.



In 2015 Chemours' Maitland facility, located in Ontario Canada, approached MineARC to provide a safe haven solution. Due to the nature of their production, Chemours Maitland were in need of a solution that could provide a safe haven for personnel in the event of an emergency.

MineARC performed a site visit to the Chemours Maitland facility in April 2015 to examine a series of potential locations for a safe haven and following this, delivered a tailored report that included recommendations based on ease of access and gaseous hazards. Based on their particular requirements, and with no risk of explosion within the facility, MineARC recommended that a ChemSAFE Utility Design would be an appropriate solution for their Emergency Response Procedure (ERP).

Confident that portable safe havens were a better and more cost efficient option than upgrading existing on-site rooms into permanent shelters, Chemours Maitland purchased two 26 person MineARC ChemSAFE Utility Design Safe Havens.

The first unit is located in the basement of the office building, so it can be accessed by personnel without having to leave the offices. The second is adjoined to the control room via a custom made shroud, so that control room operators can move to safety without being exposed to any potential hazardous gases. This particular safe haven is insulated and includes a custom battery box and air conditioner heating arrangement to ensure continued performance even in -30°C temperatures.

Both ChemSAFE safe havens feature an extra-low-voltage (ELV) scrubbing system and breathable oxygen supply, with a 12 hour minimum UPS battery backup supply.

MineARC continues to have an ongoing relationship with The Chemours Company in their pursuit of providing only the best when it comes to the safety of their personnel.

