

Keweenaw Research Center

The Keweenaw Research Center (KRC) maintains more than 700 acres of proving grounds for research primarily based on a broad spectrum of ground vehicle performance. An auxiliary component of the KRC is the Institute of Snow Research engaged in basic and applied research into snow, ice and cold environment engineering.



Cold Environment Engineering Testing

Michigan Tech's Keweenaw Research Center hosts one of the coldest spots in America with their newly constructed Cold Test Laboratory. The Cold Test Lab is the size of a four car garage and is designed to test vehicles at sub-freezing, arctic temperatures.



Testing Facility Features:

- Cold room 30 feet deep and 40 feet wide able to hold 4 full size Quad Cab pickup trucks with 8 foot beds
- Constructed with two large sliding garage doors 9 feet high and 16 feet wide for entry and exit of test vehicles
- Cooling system designed to cool 32,000 lbs of vehicles to -40 in 4 hours from an ambient temperature of 32 F
- Ability to reach -20F with an ambient temperature of 70 F

For More Information Contact:

Mark Osborne at (906) 487-2626

mosborne@mtu.edu

or Russ Alger at (906) 487-2498

rgalger@mtu.edu

Keweenaw Research Center

www.mtukrc.org