



Palm Beach Ice Works consistently monitors the air quality through a computerized monitoring system. Our system is continually checking air quality 24 hours a day/7 days a week to protect skaters, players, coaches, fans and employees of PBIW.

The owners of Palm Beach Ice Works spent a lot of time and money researching and implementing the safe and health conscience ice re-surfacing machines. The two ice re-surfacers used at PBIW are propane powered. The two edgers used by PBIW are battery powered.

The Air Monitoring system installed at PBIW does the following:

- Monitors carbon monoxide (CO) & carbon dioxide (CO<sub>2</sub>) levels, relative humidity and temperature.
- Visible alarm- flashes on control panel (never happened at PBIW)
- Fully programmable control interface module with temperature and % RH sensors
- Sensors are installed on wall.
- Carbon monoxide (CO) sensor is set to actuate louvers in the air handling system to introduce fresh air if sensors read over 10 ppm. Exhaust fans are used if levels exceed 30 ppm.
- Carbon dioxide (CO<sub>2</sub>) sensor is set to actuate louvers in the air handling system if sensors read over 1700 ppm. Exhaust fans are used if levels exceed 2100 ppm.