



2021 Annual Technical Conference

Agenda Item: 2021 - 05

Submitted By: Don Bradshaw City of Airdrie

Code or regulation number:

2-024 Use of Approved Equipment; 2-026 Powers of Rejection; 4-006 Temperature Limitations

Question/enquiry:

This agenda item is to raise awareness of a new Hot Tub control enclosure (underneath hot tubs) with higher than usual conductor requirements for connection to these control enclosures.

There is a requirement for “only copper conductors rated at least 105°C but sized on the basis of 60° ampacity”.

Recommendation:

Carefully review the conditions for conductor connections to this product in the installation instructions. These conditions are repeated on the cover of the control panel.

Ensure 105°C rated conductors are installed for at least 1.2 m from the terminals, with ampacity chosen from the 60°C column.

This insulated conductor is not readily available; installers may need to go to specialty cable suppliers.

Background information:

