



CITY OF *Lethbridge*

HOT TUBS

- Hot Tub installations have been somewhat of an issue lately especially due to labeling and information that has been brought up at our EIAA Annual Conference (Electrical Inspectors Association of Alberta) see attachment
- Each Hot Tub depending on Manufacturer seems to have different requirements so would be based on an individual case by case scenario
- **Shall** bear evidence of approval for Canada
- **Wiring size** should meet the manufacturers requirements that may be found on the Hot Tub controller
- Type of wire (temperature rating) 60, 75, 90 or possibly 105 degrees should meet the requirements of the Hot Tub Controller and would include the 1.2 meter transition rule from the terminals (j-box). Some hot tub controllers have a termination temperature rating of 60 Degrees Celsius and may also require conductor insulation ratings higher than 90 Degree Celsius.
- Breaker size should meet the requirements of the Hot Tub
- Connector into controller to be approved for the type of cable being used to feed it. Some hot tubs come with a cable connector already installed. These connectors may not be the correct size and type for the particular cable used for the installation.
- Bonding requirements. Cable connectors used on non-metallic boxes will require bonding bushings to be installed. In some cases, it may be impossible to install a bonding bushing on connectors due to the construction of some hot tub controllers. Then a ground clamp may be acceptable if teck is used.