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## Electrical Safety Authority FLASH FL06-01

### Unapproved Infrared Saunas

June 1st, 2006

The Electrical Safety Authority (ESA) is notifying the public about electrical safety issues associated with a non-certified Infrared Saunas sold at various retail outlets across Ontario.

These Saunas have not been tested by a recognized certification or field evaluation agency and do not bear a certification or field evaluation mark.

ESA has received a report of a heater running very hot and smoking in one of these devices.

Our investigation identified potential electric shock and fire hazards associated with the use of these saunas, and they include:

- A lack of temperature limit control means combined with highly flammable wood material used in the construction
- Open wiring and open wiring connections behind the sauna walls
- The use of an unapproved electrical heater
- The temperature rating of the heater element and the heater element guard exceeding standard requirements
- The lack of a suitable non-metallic guard or fence to restrict physical contact with the heater or heater element guard if the temperature exceeds standard requirements

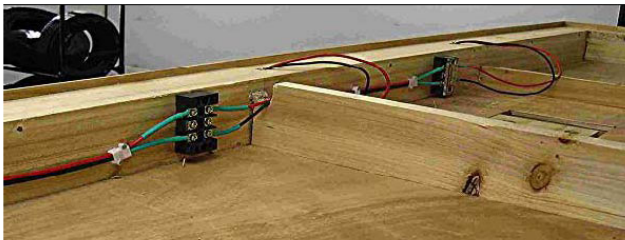
The Electrical Safety Authority strongly advises against purchasing one of these unapproved saunas, and to stop using it and unplug it immediately if one has already been purchased.

For information or for clarification about recognized certification and field evaluation marks, visit: [www.esa-safe.com](http://www.esa-safe.com).

### Infrared Sauna



Open wiring and open connections occur when the unit is field assembled.



Metal cover plates are not bonded. Plate temperature exceeds the standard requirements.



Unapproved heater failure. Fine heater wire can short to non-bonded metal cover plates exposing the user to fire and shock hazards.





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