

## OESC Code Rule 2-102

Description of the change: Amend Ontario amendment, Rule 2-102

### Background

Energy efficiency legislation and rebates from utilities and the government have increased the amount of various types of retrofits. When any electrical product is retrofitted it is no longer approved and is required to be re-approved in accordance with OESC Rule 2-024.

### Rationale

If there is a retrofit kit designed and approved for a product conversion, a retrofitted product may be deemed approved where the Authority determines that a retrofitted electrical product or device presents no undue hazards to person or property and the installation pass the inspection as per Rule 2-024(3). When an approved retrofit kit is used, the Authority may develop a retrofit program in order to determine safety of the retrofitted product. The example is Lighting Retrofit Program in Ontario, scheduled to be launched in fall 2014.

Electrical inspection is required to verify that the retrofit kit is suitable for the existing luminaire, the installation instructions for installing the kit were followed, and the new labels are affixed to indicate the type of replacement lamps that can be used.

### Code Proposal

#### ***2-102 Rebuilt equipment***

- (1)  Where any electrical equipment is rebuilt or rewound with any change in its rating or characteristics, it shall be provided with a nameplate giving the name of the person or firm by whom such change was made together with the new marking.
- (2) Where the original nameplate is removed, the original manufacturer's name and any original identifying data, such as serial numbers, shall be added to the new nameplate.
- (3)  The appropriate requirements of the appropriate standard applying to new electrical equipment shall also apply to rebuilt and rewound equipment unless it is impracticable to comply with such requirements.
- (4) Rebuilt or refurbished moulded case circuit breakers or moulded case switches shall not be considered to be approved for the purpose of Rule 2-024.
- (5) When installed electrical equipment is retrofitted with an approved retrofit kit and the installation conforms to the requirements of the inspection department, the equipment is deemed to be approved.