

Electricity Regulations 1997

Regulation 102 - Notice of Prohibition of the Importation, Sale or Use of a "26 watt Fluorescent Work Light "

Pursuant to Regulation 102 of the Electricity Regulations 1997 and acting under delegated authority from the Chief Executive of the Ministry of Economic Development, pursuant to Section 41 of the State Sector Act 1988, I Graham Boxall, Manager, Operations, Ministry of Consumer Affairs, hereby notify that the following electrical appliance, being a 26 watt Fluorescent Work Light, as described below, is prohibited from importation, sale or use in New Zealand.

This prohibition is to take effect on and from the date following the date of publication of this notice in the *Gazette*.

Description:

The 26 watt Fluorescent Work Light has an enclosure constructed of two red plastic moulded halves held together by 6 screws. The top half of the enclosure contains two 13 W PL type fluorescent lamps, which are covered by a clear plastic clip-on lens at the front. The lower half of the enclosure is the handle, which includes two black rocker switches on the rear and a 3 pin socket-outlet on the heel of the enclosure together with the supply cord entry. The work light is provided with adjustable hooks top and bottom and a magnetic clip, to allow the option of other than handheld.

The work light is identified by the marking "26 watt Fluorescent Work Light 240V, 50Hz, AC.13amps" Approximate overall dimensions (mm):- 370 H X 100 W X 80 D.

The front of the 26 watt Fluorescent Work Light packaging is marked with "26 watt Fluorescent Work Light", "25-foot, 16 gauge cord", "•Two twin 13 Watt fluorescent lamps", "• Individual on/off switch for each lamp", "• Adjustable magnet", "•Grounded outlet in handle", "•240V 60Hz 13amps 16guage" and "•"CE" approved"

The supply plug is an approved two pin, flat pin, insulated pin 10 A plug, and an approved 2 0.75 mm² core supply cord compatible with the New Zealand plug/socket system

A sample of the with "26 watt Fluorescent Work Light" was obtained from a "Trade Tools Ltd, Penrose, Auckland", although the with "26 watt Fluorescent Work Light" may also be available elsewhere in New Zealand.

Details of Hazard:

The appliance constitutes or may constitute an electrical hazard in that :-

- The work light socket-outlet is not Earthed. This may constitute an electric shock hazard to the user if connecting a Class I appliance to the socket-outlet in the event of an insulation failure; and
- The work light supply cord conductors have an inadequate cross sectional area for the rated output of the Work Light socket-outlet, this may constitute a fire or an electric shock hazard if fully loaded for extended periods of time.

Reasons for Prohibition:

The work light does not meet the safety requirements of Electricity Regulation 69, in that:-

- The lack of earth continuity in the Work Light socket-outlet means that appliances supplied through this adaptor will have "it's unearthed conductive parts separated from live parts only by basic insulation" (76A (1) (c)); and
- The work light supply cord conductors have an inadequate cross sectional area for the rated output of the Work Light socket-outlet, this constitutes a hazard in that in normal use, or in the event of abnormal operation, it may functions unsafely so as to cause danger to persons, property, or animals" (76A (1) (a)).

Accordingly, I issue this prohibition.

Signed this 18th day of February 2005.

Graham Boxall

Manager, Operations, Ministry of Consumer Affairs.