















# New Cable Colour Code For Electrical Installations



Cable colour code will be changed to align with international standards.

Old Cable Colour Code		
	Single Phase	Three Phase
Phase Conductor (Line)	 Red or  Yellow or  Blue	 Line 1 Red  Line 2 Yellow  Line 3 Blue
Neutral Conductor	 Black	
Protective Conductor (Earth)	 Green-and-Yellow	

New Cable Colour Code		
	Single Phase	Three Phase
Phase Conductor (Line)	 Brown	 Line 1 Brown  Line 2 Black  Line 3 Grey
Neutral Conductor	 Blue	
Protective Conductor (Earth)	 Green-and-Yellow	

- The change in cable colour code does not apply to flexible power cords for electrical appliances.
- For safety reasons, the following warning notice shall be affixed at each distribution board that controls circuits with cables in old and new colour codes.

## CAUTION

This installation has wiring colours to two versions of Code of practice for electrical installations (CP 5). Great care should be taken before undertaking extension, alteration or repair that all conductors are correctly identified.

For smooth transition, the change will be effected in two steps:

**From 1 March 2009**

Either old or new cable colour codes can be used for new electrical wiring.

**From 1 March 2011**

All new electrical wiring shall comply with the new cable colour code.

For further details, visit EMA website at [www.ema.gov.sg](http://www.ema.gov.sg).

For enquiries on new cable colour code:

- Hotline (during office hours): **6835 8048**
- Email: [ema\\_rd\\_elise@ema.gov.sg](mailto:ema_rd_elise@ema.gov.sg)

