

OVERVIEW

The following bulletin provides information which LDCs may find of value when they are evaluating the suitability of installing various guy guards or markers on their distribution systems. Regulation 22/04 identifies that safety standards are met by adherence to the Electrical Safety Code (ESC), CSA 22.3 No. 1, CSA 22.3 No. 7 and/or the National Electrical Safety Code C2 depending on the installation. For marking of guys this bulletin will review the requirements of the Electrical Safety Code and CSA 22.3 No. 1.



REFERENCES OF INTEREST

1. ESC (Current Edition -25th Edition) - **Rule 75-306 Guy wires and guards**
(6) *The guy guard shall be made of plastic and shall provide **good visual identification** for public safety.*
2. ESC (Next Edition – 26th Edition) – **Rule 75-306 Guy wires and guards**
(3) *The guy guard shall be made of plastic and shall be **coloured bright yellow** to provide good visual identification for public safety.*
3. CSA 22.3 No.1 (2010) - **4.2.8 Marking of guys**
*Except for guys in areas where cross-country, vehicular, or pedestrian traffic is not expected, all guys shall be **marked in a substantial and conspicuous manner**. If there is more than one guy at the same anchor, a guy marker shall be applied on both the innermost and outermost down-guy.*
4. Dictionary Definition
Conspicuous – *Obvious to the eye or mind. Very easy to see or notice.*

ESA DIRECTION

If colours other than bright yellow are to be used in the distribution system, LDC's are required to satisfy the requirements within C22.3 No.1-01. Colours designed to blend in with the surroundings are not considered conspicuous and therefore would not satisfy the requirements of Regulation 22/04.

ESA RECOMMENDS

ESA recommends LDCs review their direction regarding the use of guy guards that are installed to ensure that the guy guards are easy to see or notice in areas where various types of traffic are expected.

ADDITIONAL INFORMATION

Information requests and follow-up may be directed to ESA at Utility.Regulations@ElectricalSafety.on.ca. For questions on this bulletin please be prepared to quote Bulletin "DB-02/15".