



Electricity Engineers'
Association

Update on Rules, Guides and Other Safety Matters 2018

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Chairman of EEA Safety Standards and Procedures
Group (SSPG).

SSPG

- As Chairperson of SSPG I acknowledge the contribution of all members of the group, including those who have been members
 - The group is an important element in the effectiveness of industry self management for safety
 - Thanks to Bob Taylor and Stephen Hull for their involvement
 - Welcome to Gerry Versteeg

Significant Activities

- Review of SM-EI
 - Including style and format
- LV work management system and work method selection
- Understanding of MAD's
- Guides

Interpretations

- Three interpretations published (posted on website)
 - No discrepancy between rules 3.412a.ii and 3.412a.iii
 - Guidance on ‘proving de-energised’
 - Only one party at a time in operational control of equipment, and only that party can issue a permit. (Equipment can be electrically connected)

Newsletters

- Safety Rules Newsletters are published twice per year
 - For all users of SM-EI
 - Past copies on EEA website
 - Progressive index updated with each publication
- Clarifications are published in Safety Rules Newsletters.

Supervision Guide

- Supervision Guide review is complete and Guide issued.
 - Initially issued as interim Guide and since finalised
- New guidance on;
 - Requirements of HSW Act
 - Role of ‘responsible employee (safety)’
 - Attribution rule as now incorporated in HSW Act
 - Overlapping duties

Supervision Guide ctd

- Amendments include;
 - Substantive amendment throughout Guide to text, style, terms etc
 - Inclusion of provisions from SM-EI 2015 review
- Guide is structured in two Parts.
 - Part 1 addresses legislative and similar reqs
 - Part 2 sets out industry guidance

Overlapping Duties Guide

- Guide published in March as an interim Guide with review due last month.
 - Focuses on requirements of s33 and s34 of HSW Act
 - Experiences with the Guide and suggestions for additions/amendments are invited.

Mobile Plant Guides

- General reviews of language, references etc
- Ensuring consistency of terms
- More focus on electrical risks and on earthing
- Work using mobile plant for vegetation control now generally included
- More comprehensive coverage of some topics

Mobile Plant Guide (Non ESI)

- The Guide now applies to the use of mobile plant where there may be indirect contact with overhead power lines or underground electricity cables, such as when trimming vegetation or felling trees.
- Expanded guidance on step and touch potentials.
- Warning on implication of height of agricultural equipment in operational mode in conjunction with lesser mandatory line height across paddocks.
- Need to avoid contact with guy wires added to avoid inadvertent structure loading
- Additional guidance on mobile plant at >4m from power line but where contact could occur. Includes specific emphasis on vegetation work.
- Guidance added for when temporary earthing is impracticable.
- New section on induced voltage minimisation included.

Portable Equipment Guide

- Guide reviewed and near publication
 - Additional requirement re before use inspection of gloves
 - Additional requirements re cable length of portable earths
 - Additional requirement re inspection of spring loaded clamps
 - Guidance for non contact VDD standard
 - Criteria for testing of operating sticks

High Loads Guide

- Review substantially complete including industry consultation and NZHHA consultation.
- Final text relating to loads between 4.3m and 5m being prepared.
 - Crossing lines are ‘obstructions’ and transport operator must determine if any are too low
 - Network operator may set load trigger height for when permission is required

Thank you
Questions?