



Update on Rules, Guides and Other Safety Matters 2016

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Topics

1. General Comments
2. Personal Observation
3. Amendments, Interpretations & Clarifications SM-EI
4. Newsletters
5. New Issues
6. Guides
7. Conclusion



1. General Comments



More Interaction with SSPG

- The SSPG is receiving more questions for clarification and requests for interpretation.
 - This is a positive and is to be encouraged
 - Some questions/requests indicate that insufficient review was carried out by the industry at the time when rules were consulted.
 - All responses to matters raised are published for industry access, either as an interpretation and/or in the Safety Rules Newsletter



2017 Workshops

- A programme of workshops in early 2017 is being developed
- Topics will include;
 - Work at height
 - Temporary earthing
 - Footwear
 - Lone working



2. Personal Observation



Behavioural Drift

- As a personal observation from field engagements, discussion, interactions etc there appears to be increasing behavioural drift away from some essential basic practices;
 - Practices that are fundamental to safety are being abbreviated, e.g. essential principles of operating orders
 - Lack of awareness of line mgmt and advisors
 - The drift is slow and steady
- Note also the 'Back to Basics' topics derived from other safety issues and incidents



3. Amendments, Interpretations & Clarifications



General

- Interpretations and amendments are published on EEA website when completed, and also in Safety Rules Newsletters
 - ‘Old’ interpretations are being reviewed to ensure only accurate guidance remains
- Clarifications are published in Safety Rules Newsletters.



General ctd

- Need to keep a match between SM-EI requirements and field practices
- The strategy is to manage the industry safety rules as an industry



SM-EI Amendment 1

- SM-EI has been amended by adding the words 'or when rule 3.505 applies' to rule 3.602 I.iv.
 - See EEA website for detail
- Purpose is to recognise circumstances where a temporary earth may be removed for testing under an access permit.
- Some errata also identified
 - See EEA website for detail



SM-EI Amendment 2

- SM-EI Rule 2.1008 b.i. has been amended by deleting the bullet point
 - *Be designed for use without outriggers or have four outriggers.*
- The requirement for four outriggers was introduced after the Makara fatality
- There has been recent introduction of two outrigger models.
- Emphasis is on using the MEWP within the limits of its design, rating and ground conditions



Rule 3.501 Interpretation

- Issue relates to requirement under rule 3.501 to apply earths as IASMs
 - In some circumstances (e.g. at pole tops) there is minimal room, and the equipment is to be removed along with the conductor which would carry the earths.
- In this circumstance earths are more appropriately under the control of the recipient and not applied as IASMs
 - ‘Where practicable’ concept has been applied



Isolation of Directly Connected LV

- Issue relates to circumstance where LV is directly connected to an HV/LV transformer and the only isolation mechanism is the HV fuses. Work is to be carried out on LV.
- Principles are:
 - HV side must be isolated
 - AP must be issued
 - Earthing on HV side as an IASM
 - Earths can be applied on LV by recipient

(Cannot be permit and MWMS at same time as it is a continuous system)



Multi-phase Earth With Separate Earth Lead

- Interpretation discussed at SSPG meeting yesterday
 - Verbal update
- Issue relates to rule 3.602 k and requirement to connect multi-phase and common earth before connecting to equipment
 - CATU style earth includes two separate components which are connected only when on the overhead conductor.



Clarifications

- Many clarifications included in Dec 2015 Safety Rules Newsletter
- Three clarifications in June 2016 Safety Rules Newsletter



Attachment At All Times

- Attachment at all times when working at height with a risk of fall is now a SM-EI requirement
- Topic covered in workshops and will be covered in workshops next year
- SSPG still needs feedback on solutions that have been developed

4. Newsletters

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
 - Too few users are seeing the Newsletters



5. New Issues



Consumer Generation

- SSPG is actively researching and considering the appropriate controls for working on LV networks due to increasing prevalence of consumer generation.



Work-Related Health

- WorkSafe has published its guidance on work-related health
- ESI is familiar with asbestos, noise, solvents etc and their potential impact on health
- SSPG is actively researching other potential sources of health effects relevant to the ESI to ensure there are adequate controls where pan industry guidance is required.



Other

- Lone working will be covered in next session
- Additional guidance on footwear to be provided

6. Guides

De-energised Distribution Overhead Lines

- Guide reviewed and republished in Nov 2015 following review of SM-EI in July 2015
- Guide specifically consulted during 2015 workshops
- Guide detail is critical to ESI management of hazard from voltage difference when working on overhead lines
- Any issues?



PFAS Guide

- PFAS Guide reissued in August this year.
- Revision was made to include additional guidance on 'attachment at all times' policy
- New guidance on;
 - Attachment while using pole steps
 - Use of crane hooks as anchor points
- Update on attachment practices will be included in workshops scheduled for early 2017



Poles Guide

- Poles Guide reissued in August this year.
- Revision was made to include additional guidance on 'attachment at all times' policy
- New guidance on;
 - Working on top of top crossarm
 - Fibreglass poles, including U Poles
 - Nailing and other support systems for deteriorated poles



Other

- Cables Guide is currently being reviewed by SSPG
- Supervision Guide revision is underway
- Live LV Work Guide has been reviewed and is now included with other live work matters.



7. Conclusion



Conclusion

- Interaction with SSPG is encouraged
- Need to keep currency between SM-EI and field practices
- Ensure you know what is happening in the field
- Provide feedback on attachment at all times practices



Thank you
Questions?



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