



Update on Rules, Guides and Other Safety Matters 2017

Harvey O'Sullivan.
Chairman of EEA Safety Standards and Procedures
Group (SSPG).

Topics

1. General Comments
2. Personal Observation
3. SSPG Priorities
4. SM-EI, Amendments, Interpretations & Clarifications
5. Newsletters
6. Other Issues
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8. Conclusion



1. General Comments



Recognition

- Recognition to Bob Taylor who is leaving SSPG after serving on it for 15 years, including many years as its Chairman.
 - Bob continues to chair the NCLW
 - Immense contribution to safety management in the industry



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
- I also acknowledge the contribution made by the industry in the implementation of safety, including submitters on consultation drafts etc



2. Personal Observations



Failing Safely

- With recognition to Todd Conklin's messages we need to recognise;
 - People make mistakes
 - We need to consider and provide systems for 'failing safely'
 - E.g. Creating an EPZ, attachment at all times, test before touch
- We also need to recognise and manage behavioural drift.



Remember Our Learnings

- Changes to safety requirements and approaches often result from accident/incident learnings
 - Remember the learnings
 - Keep us informed



3. SSPG Priorities



Business Plan

- SSPG has prepared and is working to an approved Business Plan.
 - Support delivery of goals of ESI H&S Strategy
 - Manage controls for de-energised work, and work closely with NCLW
 - Effective management of LV work is a major topic
 - Focus on work-related health issues
 - Switching
 - Critical risks



Critical Risks

- SSPG has identified from consultation with industry the 10 critical risk areas for the industry.
 - Currently breaking down the 10 into subheadings and identifying the relevant existing controls for them, plus gaps in controls.
 - Will then ensure the gaps are addressed in SM-EI and/or Guides

Switching

- To be covered as a separate topic

Work Management System for LV

- The requirements for a work management system for LV work (live or de-energised) are to be reviewed
 - May identify need to apply permit system to LV de-energised
 - If permit system is to be applied then LV systems need accurate drawings and field marking of equipment
 - System for live LV work will be identified in conjunction with NCLW, but will probably continue to use work authority



Consumer Generation

- SSPG is actively researching and considering the appropriate controls for working on LV networks due to increasing prevalence of consumer generation.
- Need feedback on solutions for managing this issue, e.g.
 - Use of earthing
 - Live work
 - Switching out each property



Work-Related Health

- EEA has added work-related health to its safety strategy
- Work has started on critical health issues
- American ESI current focus on Be, hexavalent Cr, and Silica because OSHA is regulating exposure
- 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.



Lone Working

- Guidance to be developed



New Technologies

- SSPG continuously strives to keep up with future safety issues and those arising from new technologies
 - Need advice from the industry on changing practices, tools, work methods etc that may impact on safety reqs

4. SM-EI, Amendments, Interpretations & Clarifications

SM-EI Electronic

- Electronic form of SM-EI is available.
 - Details on EEA website.



Interpretations (General)

- Interpretations and amendments are published on EEA website when completed, and also in Safety Rules Newsletters
 - ‘Old’ interpretations have been reviewed and outdated interpretations archived
- Clarifications are published in Safety Rules Newsletters.



Interpretations (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



MAD's – Scaffolding - Interpretation

- Issue relates to applicable MAD's for erection and use of scaffolding in vicinity of 220kV.
 - WorkSafe GPG for Scaffolding states MAD for 220kV is 6m and cannot be reduced.
- SSPG comment
 - ECP 34 provides default MADs, including 6m for >110kV
 - Where asset owner gives consent reduced MADs may apply



MAD's – Scaffolding – Interpretation ctd

- Where scaffold erection is for ESI and on ESI site SM-EI applies
- On ESI site scaffolders expected to be trained and competent to SM-EI Parts 1 & 2
- SM-EI rule 2.1201 should be applicable, i.e. MAD for 220kV of 4m, and this modifies requirements of GPG for Scaffolding.
- ECP 34 also sets out distance completed scaffolding (as a structure) must be from live conductors



Clarifications

- 7 clarifications included in Dec 2016 Safety Rules Newsletter
- Two clarifications in June 2017 Safety Rules Newsletter



5. 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



6. Other Issues

Back to Basics

- The six 'Back to Basics' safety requirements remain as important as ever
- Supporting material continues to be developed

Attachment At All Times

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

7. Guides

Who Are Guides For?

- Guides are written to address a specific topic where additional guidance is identified as being needed, usually in support of SM-EI
- The audience for the Guide is dependent on the topic, but is not always field staff.
- Where a Guide is considered complex it is for the employer to develop in-house guidance from it



Live LV Work Guide

- Guide reviewed and republished in Apr 2017
- Guide will be managed by NCLW
- To be further reviewed when guidance for selection of LV work method is complete



Cables Guide

- Cables Guide review is complete and it will be issued this month.
- Replaces Dec 2004 edition,
 - More extensive
 - Supports LM&CJ Handbook



Supervision Guide

- Supervision Guide review is complete and Guide will be issued in Oct.
- Guide will be published as an interim Guide, to be reviewed in April 2018
- 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
- Guide has had legal review



Overlapping Duties Guide

- Draft to be released for industry consultation this month.
- Draft has had legal review

8. Conclusion

Conclusion

- Interaction with SSPG is essential
- Need to keep currency between SM-EI and field practices
- Remember why some requirements now exist
- Provide information on new technologies, practices etc

Thank you
Questions?

