

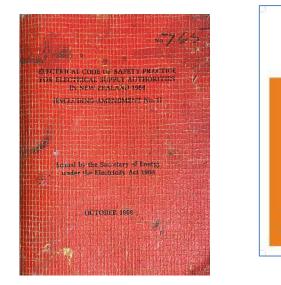
HEALTH & SAFETY

SM-EI Overview and the Knowledge Network



EEA.CO.NZ

SM-EI





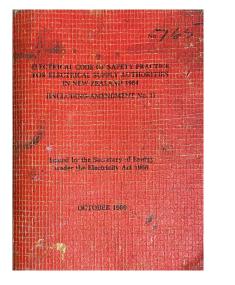




Cea Electricity Engineers' Association

Fundamentally the rules haven't changed

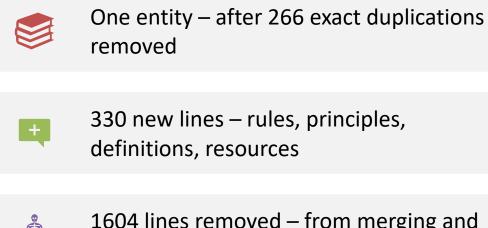
- 5 yearly
- Legislation changes
- Accidents / Incidents
- Clarification
- Learnings







But what did change from old to new



1604 lines removed – from merging and simplifying

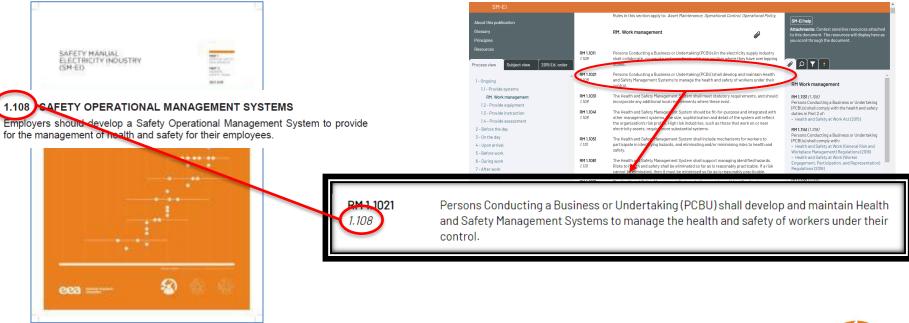
E

1303 redrafted rules – plus new introductory content





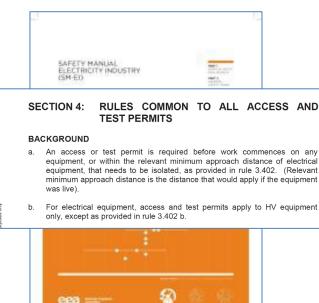
Updates to language from 2015







Update to rules to reflect new requirements

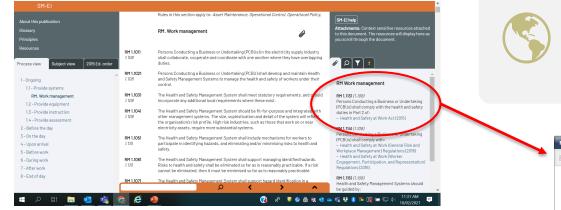








Links to resources



Identified 138 distinct resources – for resource index



- Note 4 at the end of this reprint provides a list of the amendments incorporated.
- This Ast is administened by the Minister of Dusiness Innovation and Eucloyment



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Views

About this publication Glossary Principles Resources 2015 Ed, order Process view Subject view R - Readiness E - Environment S - Security P - Positions PC - Confined spaces PH - Work at height PE - Excavation work PW - Immersive water E - Energy C - Chemicals T - Technology

Management Supervisor (STMS),

Managing position hazards

Ρ

2.1202

The nature of electricity means that supply system components are positioned to make access difficult for safety reasons, Maintenance and inspection of these components can require working at unnatural positions, such as at height, inside structures, underground or under water, The location depends on how the equipment fits into to the wider system and the network development strategies of individual asset owners. A single working position may carry multiple position hazards (e.g. working inside a confined space at height above water). The hazards introduced by unnatural working positions can be complex, and therefore require multiple controls to minimise risks to safety,

PC Managing the risks of confined space work

A confined space is only created when a worker is required to enter a defined area that is not naturally designed for occupancy. Entry and exit may be difficult, and the area may contain harmful contaminants and lower levels of breathable air, Any lack of structural integrity might also result in collapse and risk of engulfment - as may occur with a temporary excavation, Sometimes, the work to be carried out creates a confined space (e.g. hot work). Because a confined space can present a multitude of risks it is treated as a separate subject requiring careful selection of controls.

Rules in this section apply to: Competency Management Systems, Industrial enclosures, Industrial materials, Underground services, Work Management Systems,

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1.3. Provide instruction

PC 1.3011 Workers who are required to work in confined spaces shall be suitably trained in confined space procedures, including rescue techniques,

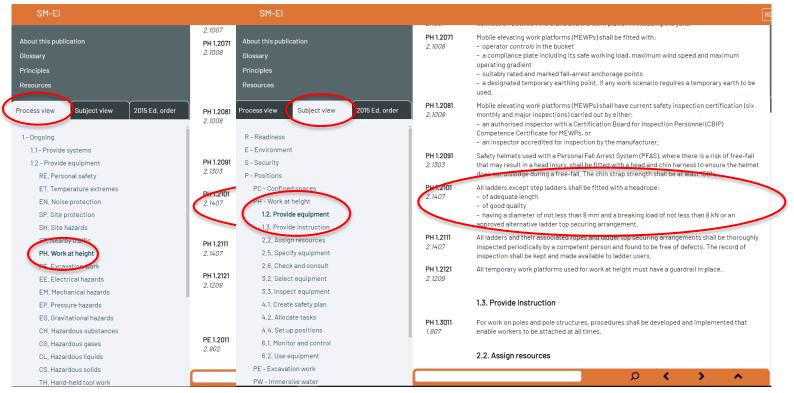
1.4. Provide assessment

SM-EI help

Attachments: Context sensitive resources attached to this document. The resources will display here as you scroll through the document.



Views - finding information using the views option





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Views – finding information – using the search function

SM-EI			REQUEST PRINTABLE PDF ORDER HARDCOPY EDITION
About this publication Glossary Principles	2.1000	 a compliance plate including its safe working load, maximum wind speed and maximum operating gradient suitably rated and marked fall-arrest anchorage points a designated temporary earthing point, if any work scenario requires a temporary earth to be used. 	SM-EI help Find: Enter a key word to search the document. Click on a link to go to the section where the key word is found.
Resources Process view Subject view 2015 Ed. order	PH 1.2081 2.1008	Mobile elevating work platforms (MEWPs) shall have current safety inspection certification (six monthly and major inspections) carried out by either: - an authorised inspector with a Certification Board for Inspection Personnel (CBIP) Competence Certificate for MEWPs, or - an inspector accredited for inspection by the manufacturer.	
R - Readiness E - Environment	PH 1.2091 2.1303	Safety helmets used with a Personal Fall Arrest System (PFAS), where there is a risk of free-fall that may result in a head injury, shall be fitted with a head and chin harness to ensure the helmet does not dislodge during a free-fall. The chin strap strength shall be at least 150N,	Exact pratches found in:
S - Security P - Positions PC - Confined spaces PH - Work at height	PH 1.2101 2.1407	All ladders except step ladders shall be fitted with a headrope: – of adequate length – of good quality – having a diapeter of not less than 8 mm and a breaking load of not less than 8 kN or an approved alte native ladder top securing arrangement.	P Positions PH - Work at height 1.2. Provide equipment (3) 3.2. Select equipment (3) 4.4. Set up positions (4)
1.2. Provide equipment 1.3. Provide instruction 2.2. Assian resources	PH 1.2111 2.1407	All ladders and their associated ropes and ladder top securing arrangements shall be thoroughy inspected periodically by a competent person and found to be free of defects. The record of inspection shall be kept and made available to ladder users.	6.2. Use equipment (4) Partial matches found in: S - Security
2.5. Specify equipment 2.6. Check and consult	PH 1.2121 2.1209	All temporary work platforms used for work at height must have a guardrail in place,	SP - Site protection 8.1. Pack up site (3) P - Positions
3.2. Select equipment 3.3. Inspect equipment	PH 1.3011	1.3. Provide instruction For work on poles and pole structures, procedures shall be developed and implemented that	PH - Work at height 3.3, Inspect equipment (4) 6,1, Monitor and control (1)
4.1. Create safety plan 4.2. Allocate tasks	1.607	enable workers to be attached at all times,	E Energy EE - Electrical hazards 4.2, Allocate tasks (1)
4.4. Set up positions 6.1. Monitor and control		2.2. Assign resources	6.1. Monitor and control (2) T - Technology
6.2. Use equipment PE - Excavation work	PH 2.2011 2.1215	Working alone at height shall be permissible only when workers are using an enclosed work environment, total restraint, or a personal fall arrest system that does not allow free fall.	TL - Load-bearing toor work 4,1, Create safety plan (1)
PW - Immersive water	ladder	A < > A	No similar matches found
Electricity Engineers'			

The Knowledge Network – Landing page / Publications

HEALTH & SAFETY - (Safety Standards and Procedures Group)

Arc Flash (Guide)	Assurances - Guide	Auditing Guide - Permit and Minor Works Management Systems - October	Automatic Reclose of HV Circuits Following a Fault (Guide)	Control of Work in Workshops, Depots, and the Field	Critical Risks (Health & Safety)	Electrical Network Safety for Emergency Services Personnel (Guide)	Electrical Safety for Forestry & Woodlot Logging Operations (Guide)
High Voltage Single Wire Earth-Return (SWER) Systems (Guide)	Low Voltage Works Management for Distribution (Network) DIGITAL EDITION	Low Voltage Works Management for Distribution (Network)	Management of Heat and Cold Stress During Live Work (Guide)	Marking of Equipment for Access for Work (Guide)	Network Fault Management – Guide to Manual Closing and Hazard Management	Overlapping Duties under the Health and Safety at Work Act (Guide)	Portable Equipment for Work On or Near Conductors (Technical Guide)
Principles for Permit Areas (Guide)	Safe Practices for Low Voltage Electrical Work - July 2012	Safe Work With Cables (Guide)	Safe Work with Cables (Guide) DIGITAL EDITION	Safety Checking of Private Overhead Lines (Discussion Paper)	Safety Management for Overhead and Underground Power Line Crossings of	SM-EI	Supervision for Health and Safety (Guide)
Switching Instructions and Communications: Technical Guide	Testing of Service Connections to Premises DIGITAL EDITION	Testing of Service Connections to Premises Guide	Transport of High Loads through Electricity Network Areas in New Zealand	Use of Mobile Plant - ESI Employees (Guide)	Use of Mobile Plant - Non ESI Employees (Guide)	Use of Personal Fall- Arrest Systems (Guide)	Work on De- Energised Distribution Overhead Lines DIGITAL EDITION
Work on De- Energized	Work on Poles and Pole Structures		L]	L	۱ L ا	L]	

LINE MECHANICS AND CABLE JOINTERS - (Special Interest Group)

SHOP FOR MORE

(Guide)



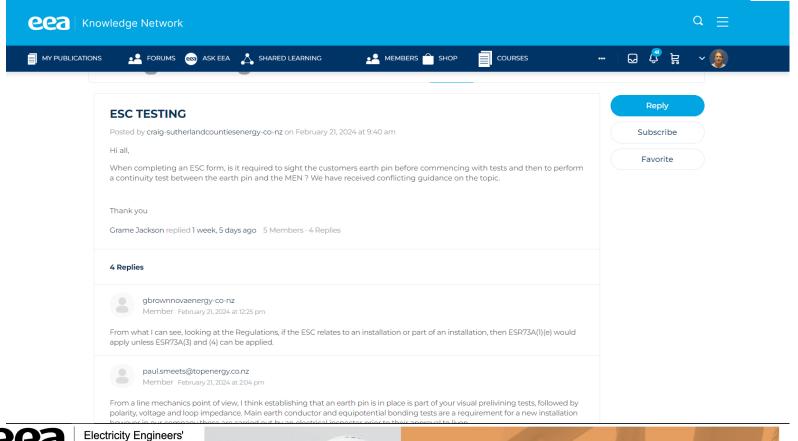
Distribution

Overhead Lines.



The Knowledge Network - Forums

Association



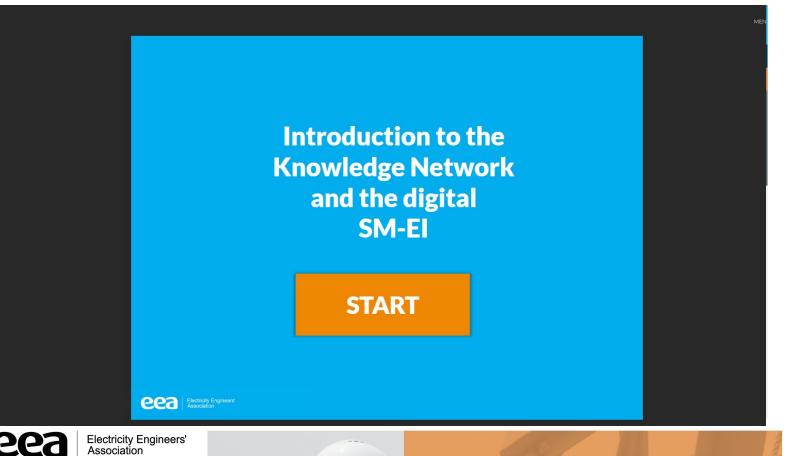
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Have a q	uestion about one of EEA's publica	ations? Please use the sear	ch feature below to find e	isting answers b	pefore po	osting a new question.
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The Knowledge Network





HEALTH & SAFETY

SM-EI Overview and the Knowledge Network

Questions



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