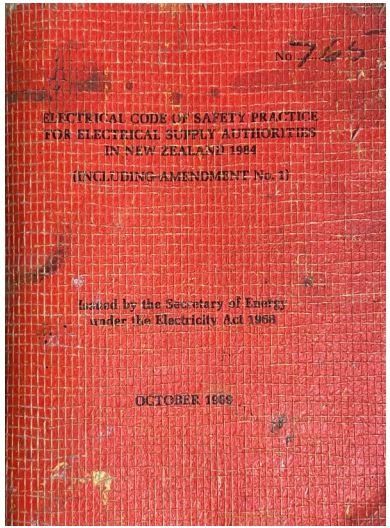
Electricity Engineers' Association

HEALTH & SAFETY

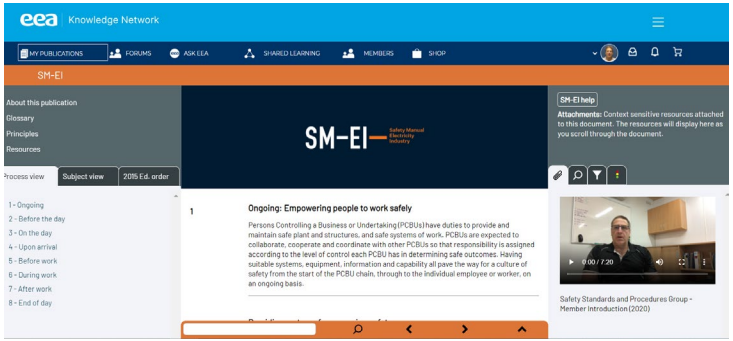
SM-EI Overview and the Knowledge Network

EEA.CO.NZ

SM-EI

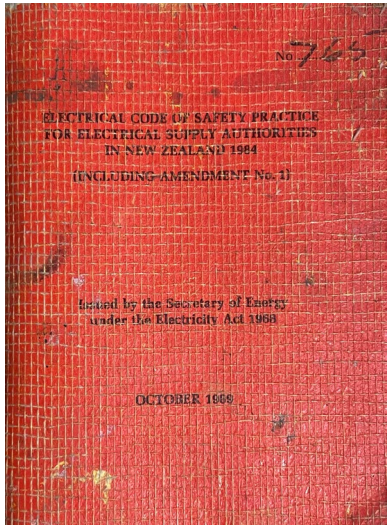

ELECTRICAL CODE OF SAFETY PRACTICE
FOR ELECTRICAL SUPPLY AUTHORITIES
IN NEW ZEALAND 1984
(INCLUDING AMENDMENT No. 1)
Issued by the Secretary of Energy
under the Electricity Act 1968
OCTOBER 1999


SAFETY MANUAL
ELECTRICITY INDUSTRY
(SM-EI)
eea


eea Knowledge Network
MY PUBLICATIONS
FORUMS
ASK EEA
SHARED LEARNING
MEMBERS
SHOP
SM-EI
About this publication
Glossary
Principles
Resources
Process view
Subject view
2015 Ed. order
1 - Ongoing
2 - Before the day
3 - On the day
4 - Upon arrival
5 - Before work
6 - During work
7 - After work
8 - End of day
SM-EI
Ongoing: Empowering people to work safely
Persons Controlling a Business or Undertaking (PCBUs) have duties to provide and maintain safe plant and structures, and safe systems of work. PCBUs are expected to collaborate, cooperate and coordinate with other PCBUs so that responsibility is assigned according to the level of control each PCBU has in determining safe outcomes. Having suitable systems, equipment, information and capability all pave the way for a culture of safety from the start of the PCBU chain, through to the individual employee or worker, on an ongoing basis.
SM-EI help
Attachments: Context sensitive resources attached to this document. The resources will display here as you scroll through the document.
0:00 / 7:20
Safety Standards and Procedures Group - Member Introduction (2020)

Fundamentally the rules haven't changed

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



But what did change from old to new

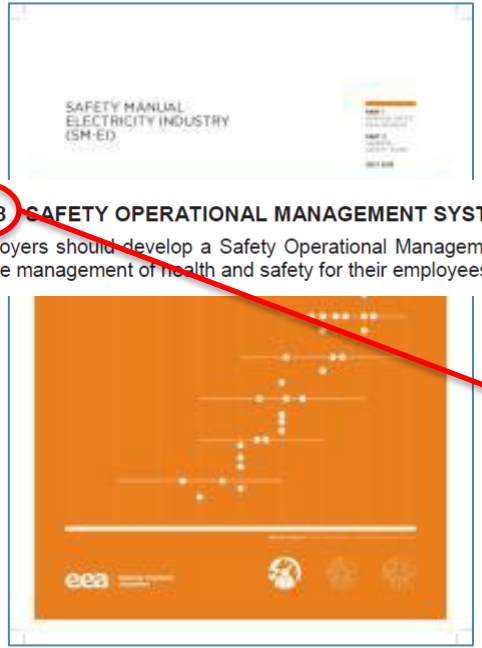
One entity – after 266 exact duplications removed

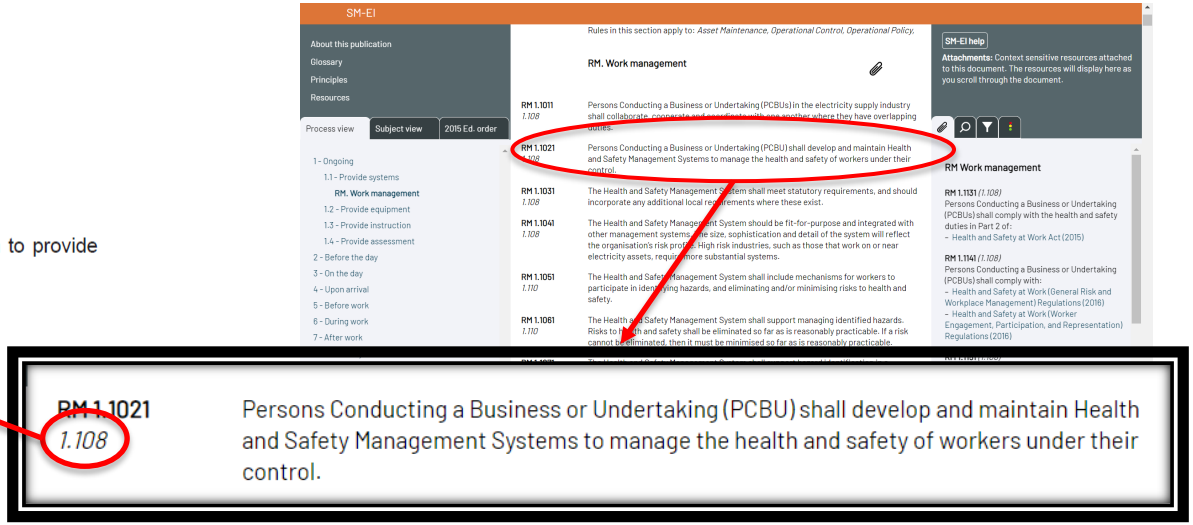
330 new lines – rules, principles, definitions, resources

1604 lines removed – from merging and simplifying

1303 redrafted rules – plus new introductory content

Updates to language from 2015

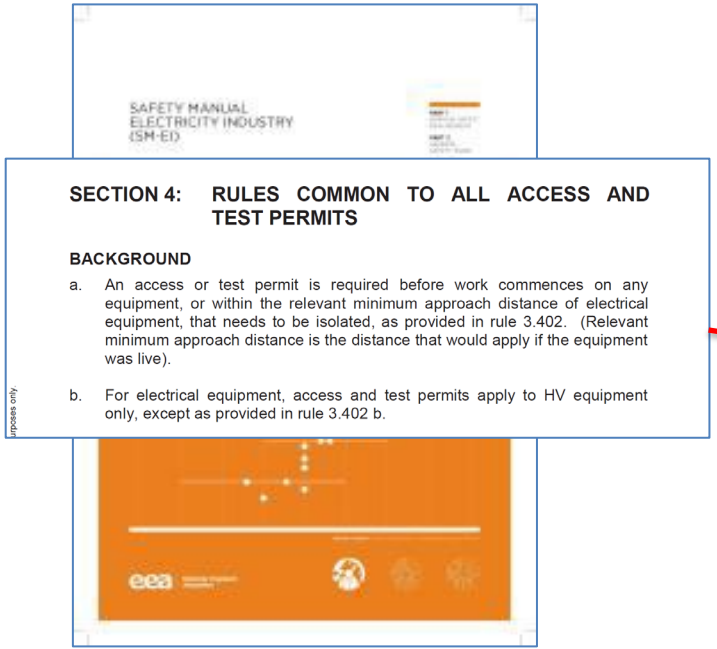


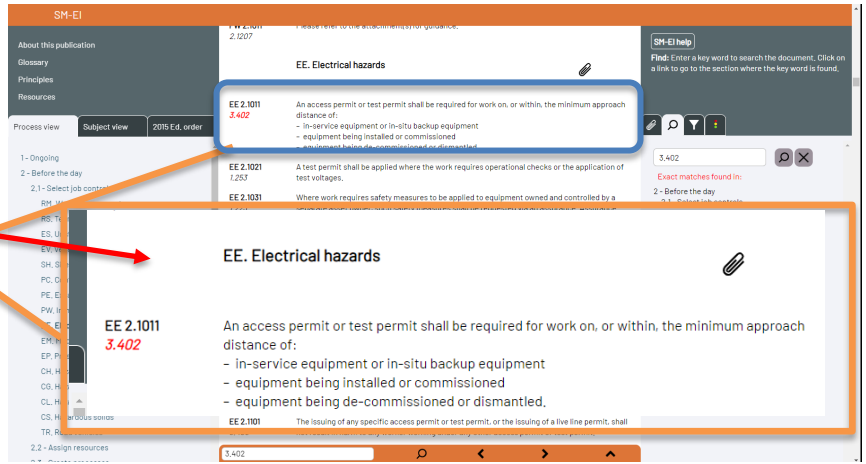


RM 1.1021
1.108

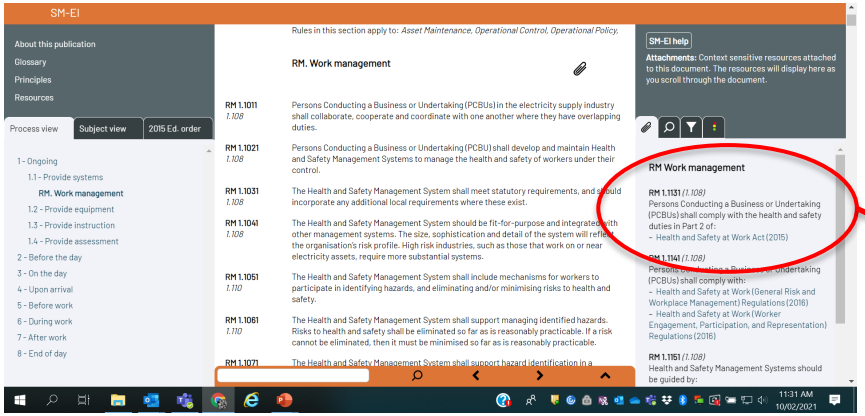
Persons Conducting a Business or Undertaking (PCBU) shall develop and maintain Health and Safety Management Systems to manage the health and safety of workers under their control.

Update to rules to reflect new requirements



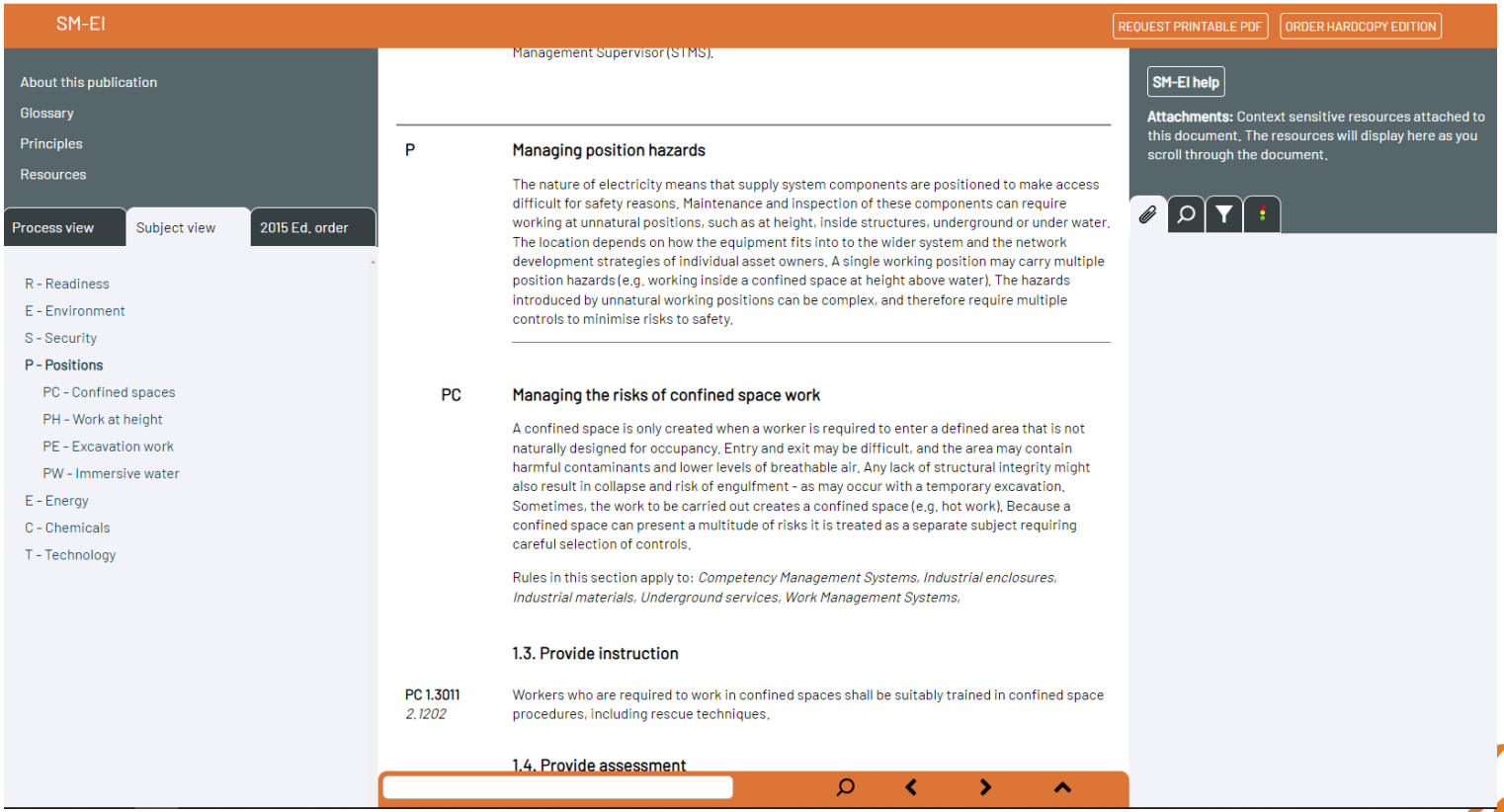


Links to resources



Identified 138 distinct resources – for resource index

Views


SM-EI
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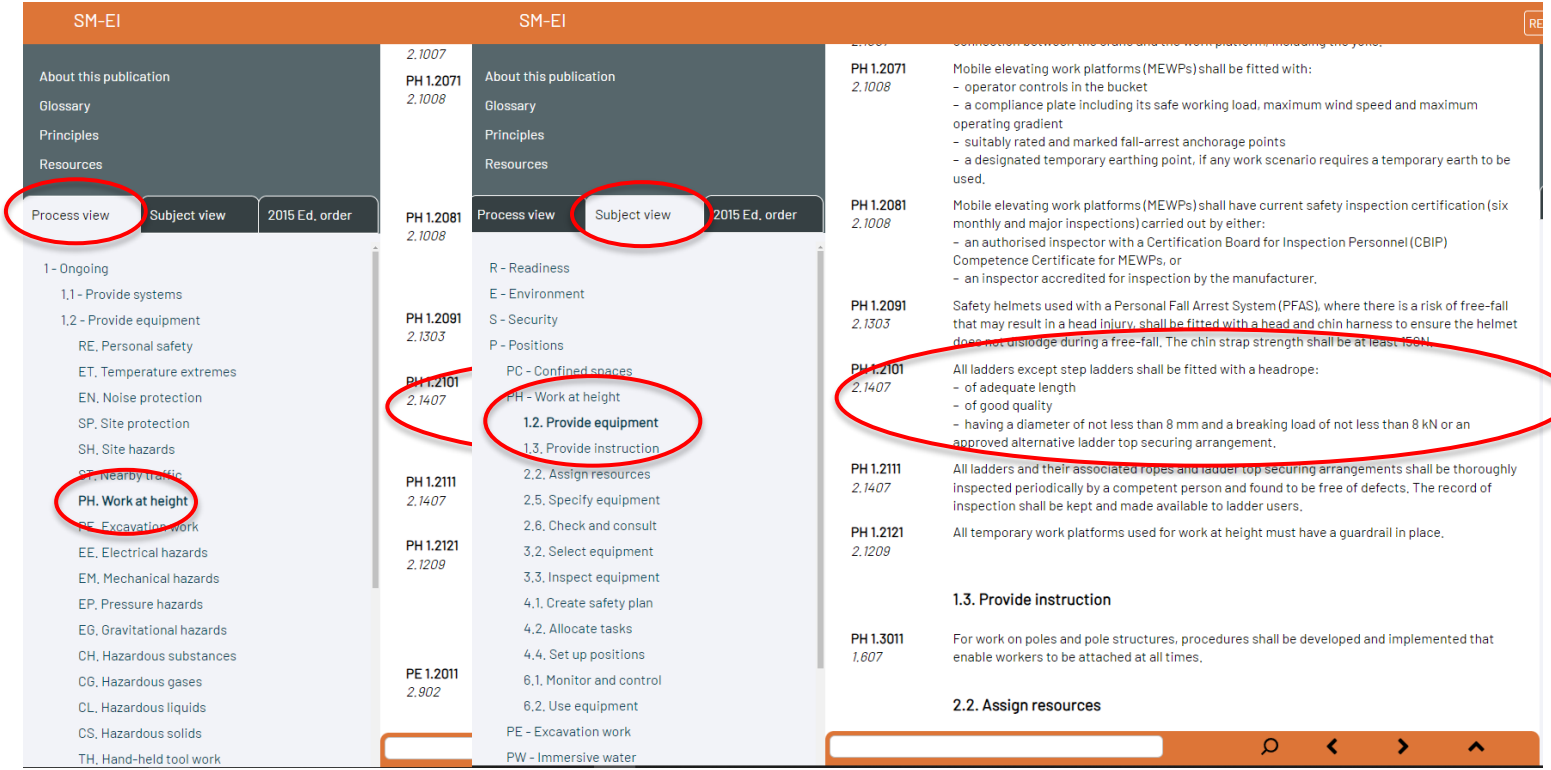
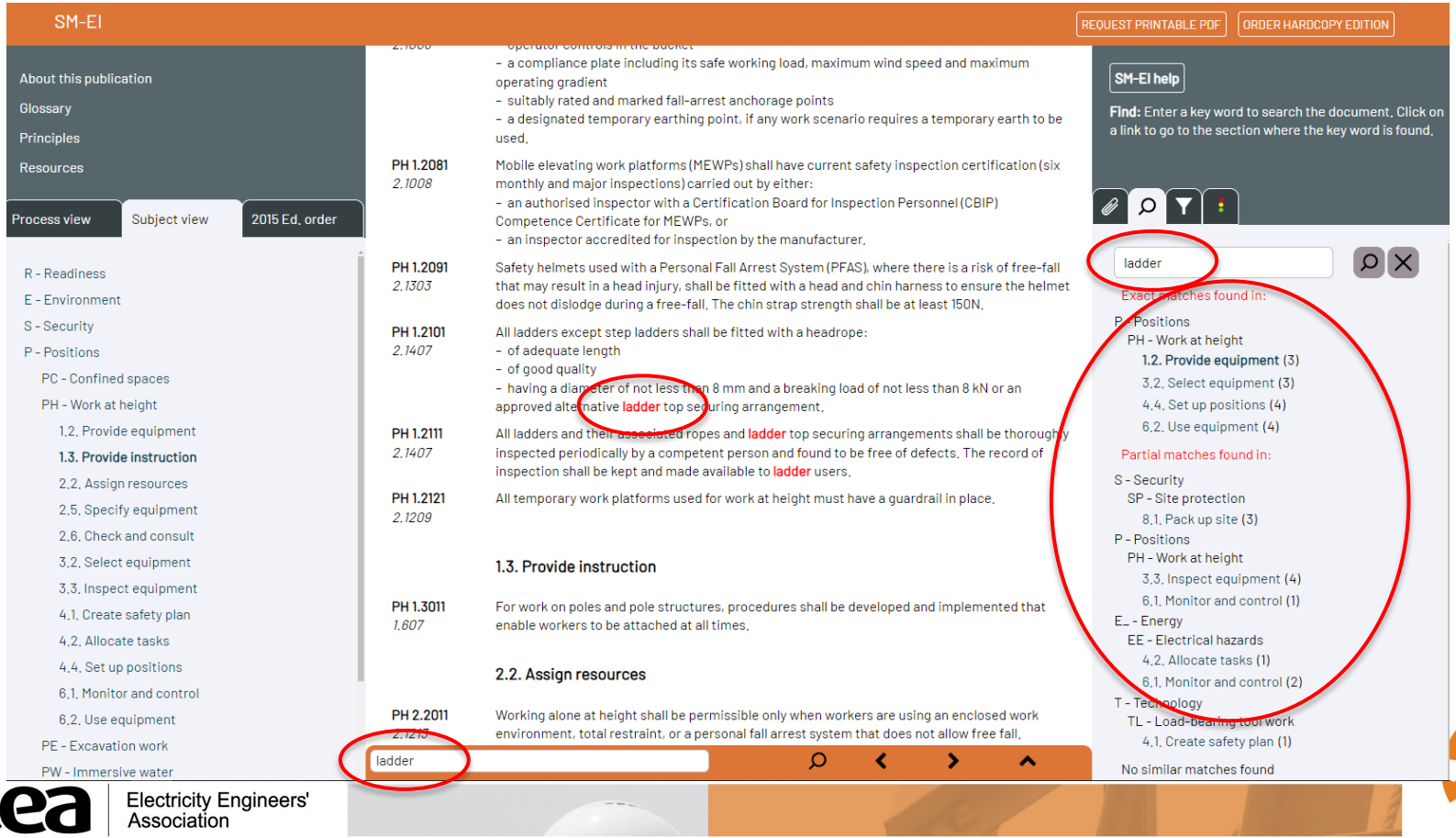
About this publication
Glossary
Principles
Resources
Process view
Subject view
2015 Ed. order
R - Readiness
E - Environment
S - Security
P - Positions
PC - Confined spaces
PH - Work at height
PE - Excavation work
PW - Immersive water
E - Energy
C - Chemicals
T - Technology
Management Supervisor (STMS).
P
Managing position hazards
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,
1.3. Provide instruction
PC 1.3011
2.1202
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



Views – finding information – using the search function



The Knowledge Network – Landing page / Publications

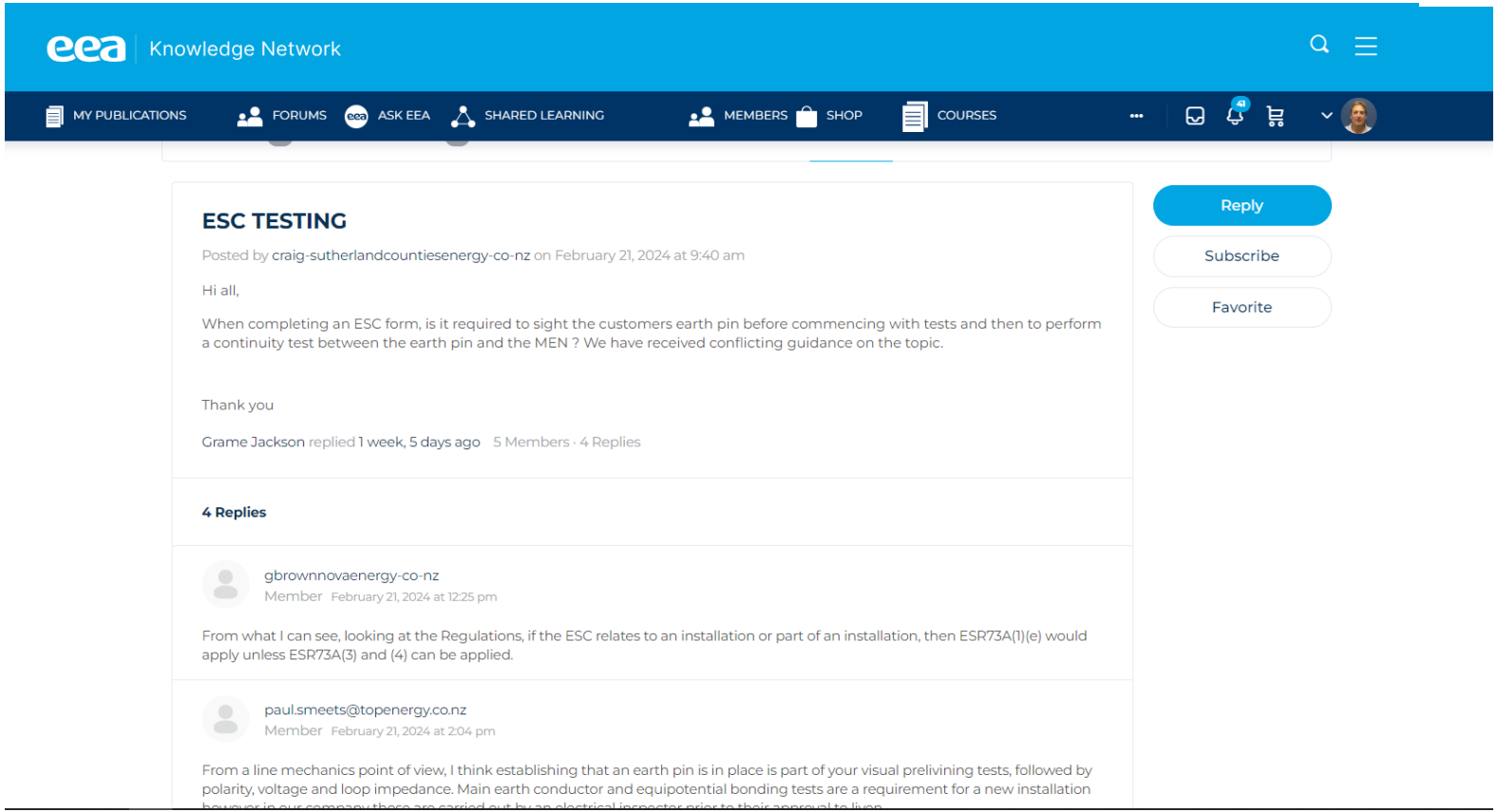
HEALTH & SAFETY - (Safety Standards and Procedures Group)

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 DIGITAL EDITION	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 Distribution Overhead Lines...	Work on Poles and Pole Structures (Guide)	SHOP FOR MORE					

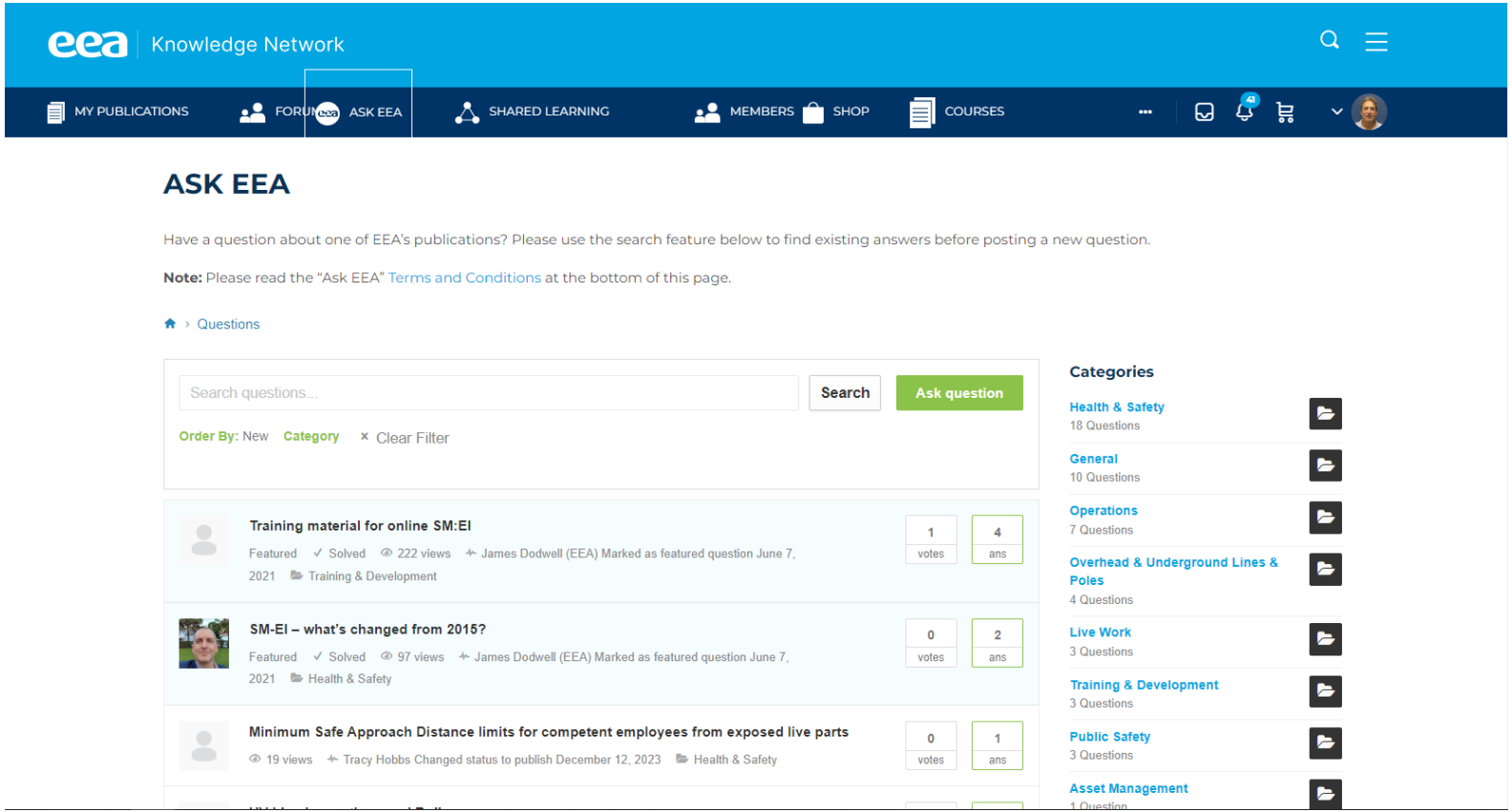
LINE MECHANICS AND CABLE JOINTERS - (Special Interest Group)

Safe Work with

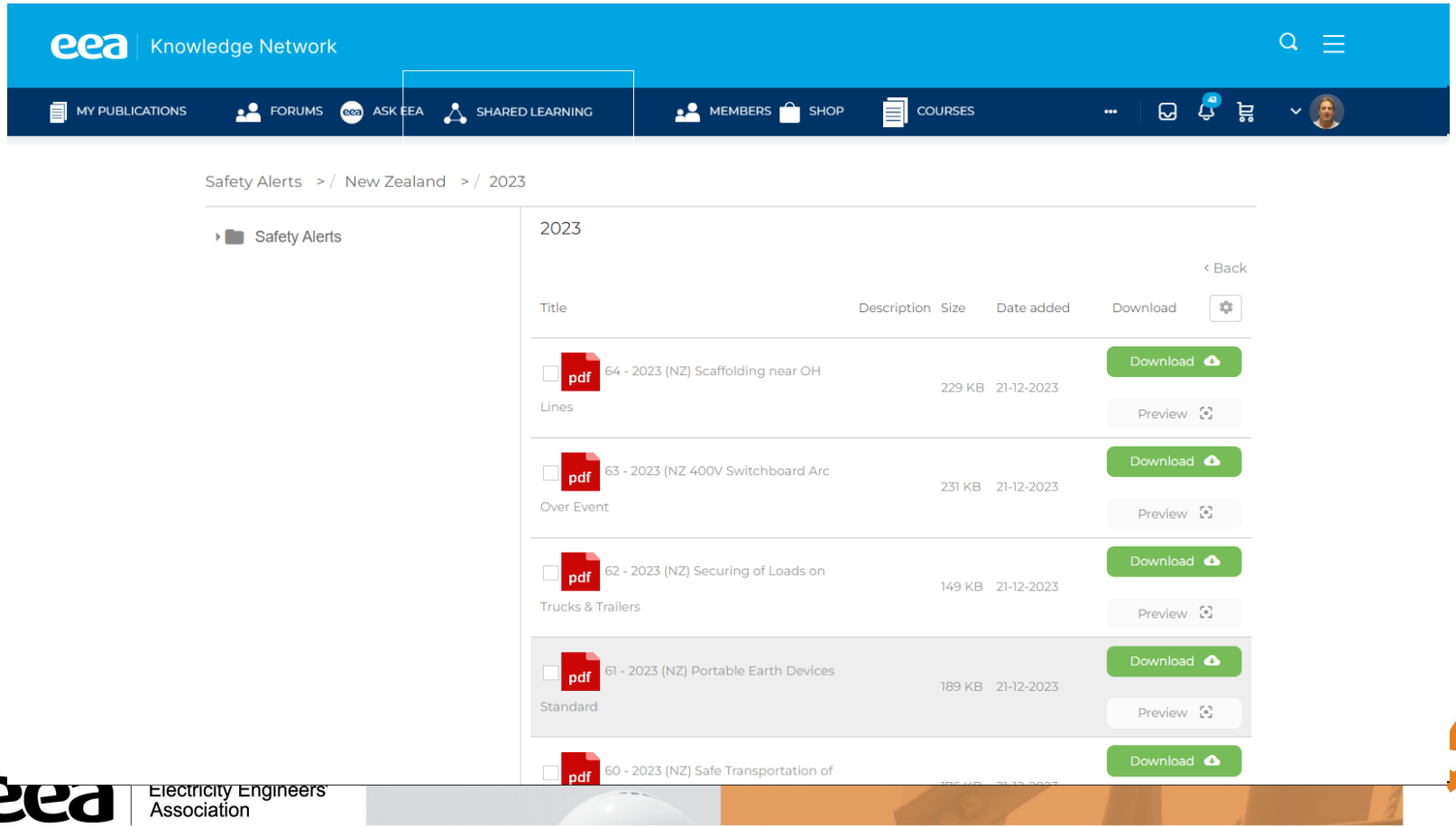
The Knowledge Network - Forums



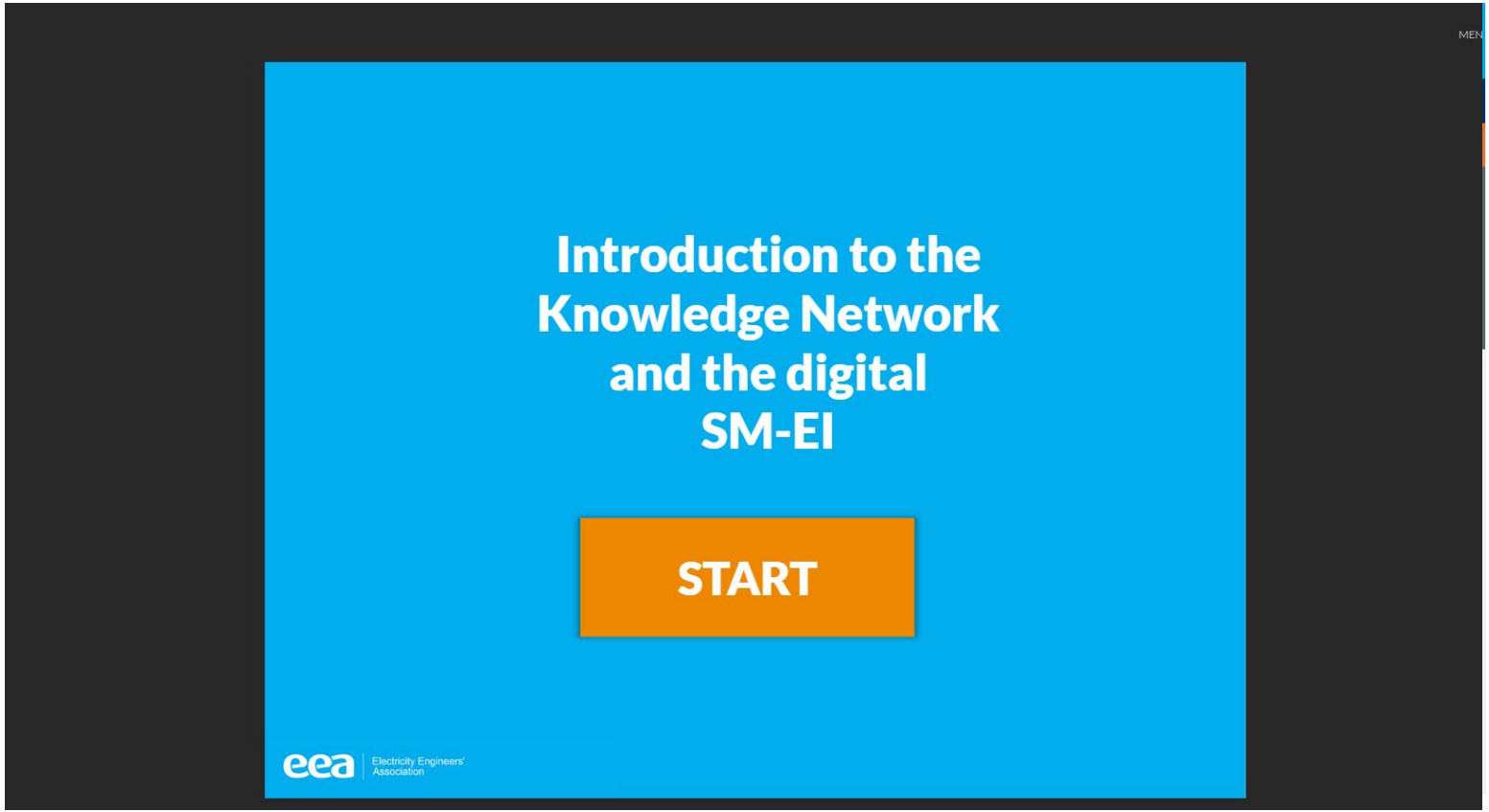
The Knowledge Network – Ask EEA



The Knowledge Network – Shared learning



The Knowledge Network



Electricity Engineers' Association

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SM-EI Overview and the Knowledge Network

Questions