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**STAY
LIVE**
Electrical Industry
Health & Safety Group

EEA H&S Workshop

October 2019

eea
Electricity Engineers'
Association

Pioneer
energy

contact.

genesis

Meridian.

Trust
power.

Mercury

TODD
GENERATION

Tuwharetoa Geothermal
Kawerau

TOP ENERGY
Te Puna Hihiko

tilt
renewables

Eastland
Generation

TRANSPower

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Who we are.....

**STAY
LIVE**
Electrical Industry
Health & Safety Group

- Formed in September 2011
- Founding members were Meridian, Mercury, Genesis, Contact and Trustpower
- Our purpose remains to:
 - Collaborate on health and safety
 - Identify best practice
 - Work together to solve common issues and,
 - Drive consistency across the generation sector
- Current membership and industry partners now include:
 - EEA
 - Transpower and Pioneer
 - Todd Generation, Eastland Generation, Top Energy, Ngati Tuwharetoa, Tilt Renewables
- Website launched in 2017

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Our Goal....



Our goal is to drive material and sustainable improvement in health and safety for employees, contractors and members of the public across the electricity industry

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Published Guidelines



- Work Control Procedures (v3, 2019)

• Critical Risk (2019)

Links to Further Information

StayLive Work Control Procedures Working Group - Terms of Reference }
 StayLive Work Control Procedures 2019 - PDF
 StayLive Work Control Procedures 2019 - Word Doc
 StayLive WCP Process Diagrams - PDF
 StayLive WCP Process Diagrams - Visio

- Emergency Response (2019)
- Process Safety
- Confined Space Management

Links to Further Information

Guideline for Classification of Process Safety Incidents
 Industry Process Safety Working Group - Terms of Reference
 Guide to Alarm Management m
 Guideline for Safety Critical Elements



Links to Competency Criteria

StayLive Confined Space Entry
 StayLive Forklift Operator
 StayLive Mobile Elevated Work Platform (MEWP)
 StayLive Overhead Gantry Crane
 StayLive Rigging and Slings
 StayLive Working at Heights
 StayLive Work Controls – Issuer
 StayLive Work Controls – Recipient
 StayLive Work Controls – Supervisor

Guideline for
 Classification of
 Process Safety
 Incidents



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Current Workstreams



Guidelines

- Asbestos Management

Industry Practice

- Work Control Procedures
- Industry Induction

Collaboration

- Process Safety
- Emergency Response
- Frontline Safety Leadership

Training and Competence

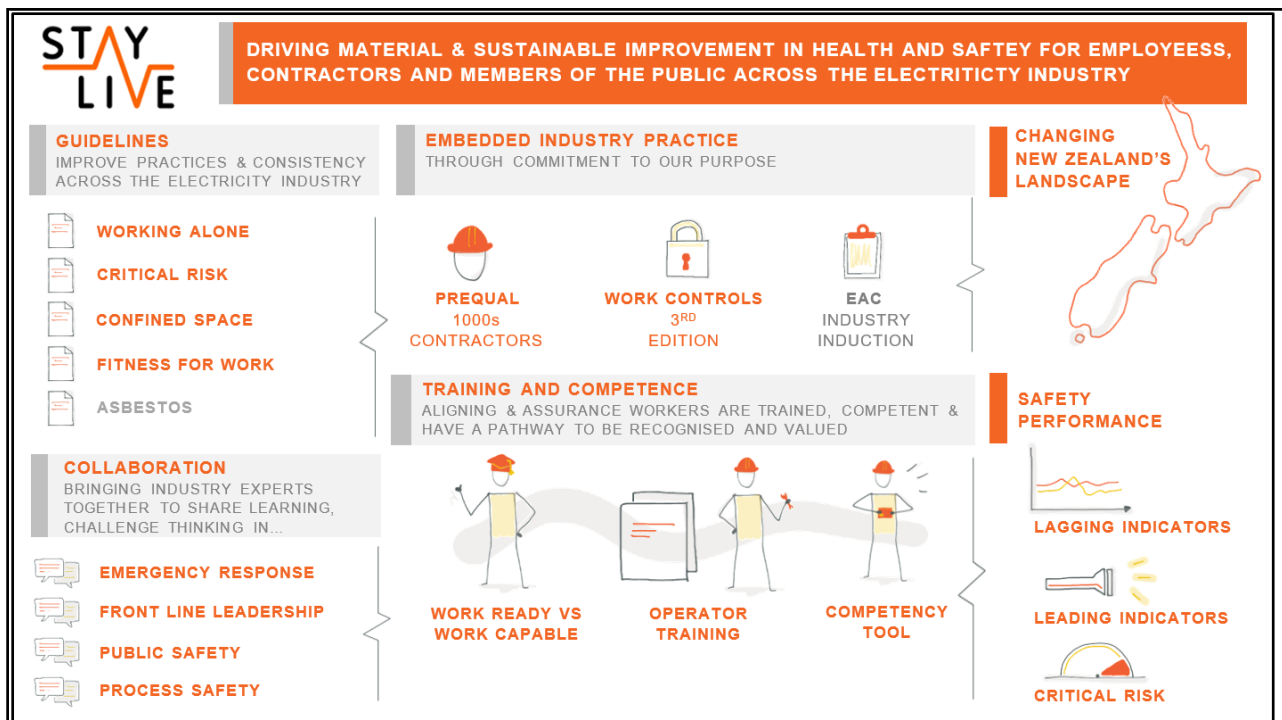
- Training and Competency
- Industry Competency Tool

Interested in participating? Contact us through our StayLive Website

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Safety Alerts and Shared Learnings



<https://www.staylive.nz/tools/email.aspx?SECT=provide-an-alert>

What did we learn?
If all practicable steps are taken to avoid an incident with good safety 'Tail Safety'.

What did we learn?
No one was injured, PPE requirements adhered to.

What did we learn?
If other tier 1 contractors chose to adopt this same approach.

What did we learn?
The timely implementation of corrective actions is a fundamental step in good safety practice.

What did we learn?
All operational staff are to ensure they familiarise themselves with the type of valve being worked on and its method of position indication prior to operation.

What did we learn?
Where practicable, there is a mechanical valve position indicator installed at the position of the valve so it can be easily identified.

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StayLive Shared Learnings Booklet 2019



Meridian

Critical Risks: All
Incident Title: The Life of a Connective Action.
Incident Details: What an event occurs, it occurs for one of two reasons: either the barrier has weakened (failed) or there is no barrier in place (absent).
Initial Response and Investigation Outcomes: A commitment to the timely implementation of corrective actions is key in ensuring a future event of the same or similar nature does not occur and create a greater level of harm.
Learnings and Recommendations: Implementing corrective actions is a positive and proactive move to ensuring our people and others stay safe. The timely implementation of your corrective action will prevent future harm.

Mercury

Critical Risks: Electricity
Incident Title: Confirming Isolations and Valve Indication Status are Correct.
Date and Location of Incident: 21 January 2019, Horowhenua Hydro Power Station.
Incident Details: While isolating the G2 penstock primary valve, as per an operating order, the operator failed to confirm the valve was fully closed. He relied instead on the recipient's interpretation of the valve position, which was incorrect.
Initial Response and Investigation Outcomes: Anyone applying isolations (ASIM/ASIMM) are to physically check the status of the equipment prior to applying the lock and tag - before the permit is accepted the recipient shall ensure, as far as practicable, that all required lower-applied safety measures are applied.

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Current Members



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More Information.....



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