

Use of Technology in safety

ENREF planned a Digital HSE Day where we had the following items up for discussion points (however, due to COVID 19 session was cancelled).

Use of drones for equipment inspections, for example, internal of vessels, tanks roofs, stacks etc.

- How has this improved workplace safety?
 - Reduce number of people required to erect scaffolding, WAH etc.
 - Reduce possibility of incidents and injuries

ePTW (Electronic Permit to Work)

- How has this improved workplace safety?
 - *Has not yet been implemented at ENREF, other OPU's in process of obtaining program and licenses (will share once ENREF conducts trail run)*

Use of Technology in safety

Are we doing enough? What are the options?

ENREF are looking at ways how to incorporate technology in the workplace, for example, items brought up for discussion:

1. Online safety induction, with APP and self assessment which will revert back to owner after submission.
2. Online Health declaration questionnaire for all employees, visitors and contractors.
3. Use of virtual (3D) training for shutdowns and outages – vendors are able to display a mock-up plant layout, employees will then be required to prepare a system, install blinds etc. via a virtual reality program / platform.
4. Use of digital tools (similar to iPad) to conduct audits / assurance in the plant, reduce the usage of paper trail / paper based records etc.