

REMSAFE

MOBILE FIELD ISOLATION STATION

SMARTER, FASTER, SAFER ISOLATIONS

The Smarter, Faster, Safer Remote Isolation system has just become more efficient and economical with the release of the Mobile Field Isolation Station (Mobile FIS) that allows the user to remotely isolate and de-isolate plant. The Mobile FIS can be carried and used in a vehicle or in a docking station to operate isolators remotely.

Features

- Entirely wireless and as portable as a small suit case.
- Compliant with existing site lock-out tag-out isolation procedures familiar to regulators and users of heavy machinery.
- Operates several electrical and / or mechanical isolators simultaneously, regardless of their location.
- Provides a single lock-out point for all of the equipment operated on a single system.
- Confirms a 'zero energy' state prior to enabling the operator to turn the switch and lock-out.
- Incorporates long range reliable communication.
- Extended life battery that is charged from a wide range of AC and DC voltages.



Mobile Field Isolation Station

Applications

- Process Plant – sequential operation of isolators in mining wash plants and industrial processing plants combining electrical and mechanical isolators.
- Materials Handling - overland conveyors, IPCC mobile plant, crushers, mills, rotary furnaces, train loadouts, train unloaders, stackers, reclaimers, shiploaders, trailing cables and rail repairs for balance machines and many more applications.
- Rail – marshalling yards and mainline rail track repairs, overhead powerlines, track powered systems, track occupation, turnouts and more.
- Utilities – automated sequential HV switching programs for powered networks regardless of voltage, sequencing of services diversion and isolation for fluids and gases in pipelines.
- Configured for isolations specific to a task such as jogging mills for a reline.

Benefits

- The person doing the job has full control of the isolation and de-isolation as there is no need to wait for isolation personnel to operate isolators.
- The total isolation or de-isolation time would not exceed 3 minutes.
- Incredibly flexible for the plant to be isolated and locked-out where the work is occurring.
- Zero exposure to the risk of arc flash.
- Eliminates pressure to take safety shortcuts.
- An industrial grade device that forms part of the REMSAFE suite of fully compliant Safety Rated Systems.
- The Mobile FIS has a wireless range of up to 15km.

For more information, visit...

WWW.REMSAFE.COM.AU



REMSAFE REMOTE ISOLATION SYSTEM

MOBILE FIELD ISOLATION STATION

How it Works

The Mobile Field Isolation Station (Mobile FIS) remotely operates electrical and mechanical isolators simultaneously, regardless of their location, while maintaining the stringent requirements for functional safety performance.

The touch-screen user interface is used to initiate the isolation, and to provide status and diagnostic information on the remote isolation system. It can also become a portable SCADA for the plant being isolated with information such as drive status, faults on the plant and condition monitoring data.

Loss of power or communications to the Mobile FIS does not affect the normal operation of the equipment.

The operator panel has the patented Isolator Lockout Switch (ILS). The ILS is the main safety link between the operator and the isolation.

The switch has an internal safety rated locking mechanism which prevents the operator from turning the switch until the isolation is completed and all safety checks are successful.

Only when the ILS is released internally, can the operator turn it to the "Isolate" position, which allows the operator to attach their hasp and personal isolation lock.

The various safety interlocks prevent the equipment from de-isolating until the hasp and personal isolation lock are removed and the ILS rotated to the "Normal" position.

The Mobile FIS is a game changer for industry providing the flexibility required in the field for the safest isolation system available. Providing additional time for production, maintenance, repairs and alleviates the temptation to take safety shortcuts.



Isolator Lockout Switch (ILS)



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