

Safety Solution - Ergonomic Chain Shorting Arrangement for Power Rails or DSLs

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Background

Manufacturing industries, such as steel plants, cement factories, mines, and most production plants, operate various types of yard equipment, mobile machines, and cranes. Many of these machines are powered by power lines, power rails, or trolley wire systems. For any kind of maintenance activity, it is a statutory safety requirement that the power lines are shorted and grounded.

Present Practice



Existing practices are man dependent and a person reaches to lines physically and applies chain on rails. The process is hazardous, time consuming and is failure prone.

In the mentioned process, shutdown time increases by 30% of overall duration.

Our Suggested Solution is towards Foolproofing - Ergonomic, System Based and Eliminates Safety Risks

- **Appropriately designed** system as per plant requirement.
- **Deployment of standard components and electrics** to ensure safety.
- **System tested and deployed**, functioning reliably and effectively.
- **Interlocking facility** with upstream breakers to avoid accidental operation.
- **Minimal** changes in the existing system.
- **Training and documentation** included, post deployment.
- **Shutdown** time reduction.

👉 For more information you can contact us through our website or email provided above.