

Incident Energy: A Case Study

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The goal of this study is to determine the risk level associated with electricians performing predictive maintenance on service panels in an industrial environment and the corresponding set of protective gear necessary to protect employees. This study will formulate a plan detailing the conditions that generate incident energies at an industrial site. This plan will provide recommendations on how to create safer working conditions for electricians working on electrical equipment. A second goal will be to formulate a strategy to reduce energy levels that exceed the maximum rating of the protective covering presently employed by electricians at the facility.