

# Expert Review of Electrical Safety Rules

Fulfilling legal obligations through the evaluation of existing safe systems of work

## Background

- This project was to review our client's electrical safety rules and determine their adequacy in comparison to our client's National Laws, National and International Guidance Standards and International best practice. Our client's major responsibilities include the design, construction, operation and maintenance of a large electrical distribution network, and therefore safety through robust electrical safety rules is imperative.

## Challenge

The challenge was to review our client's current electrical safety rules in order to:

- Identify any shortcomings in relation to their robustness and appropriateness;
- Recommend changes that would bring the current electrical safety rules in-line with our client's National Laws, National and International Guidance Standards and International best practice;.
- Provide quantitative estimates of risk for each recommended change.

## Solution

EA Technology delivered a quality service to its client through the deployment of experienced consultants with power system operational experience to carry out this electrical safety rules review project. To achieve this our consultants used effective project management processes and techniques including:

- The development of a work-plan,
- Assessment and early identification of project risk
- Successful mitigation,
- Open dialogue, desktop studies and working group Q&A

## Results

Standardised assessment tools were successfully used to compare the content of the existing Electrical Safety Rules to safety controls specified in other sources. Individual recommendations were made, each having a risk rating applied.



## Benefits

- Specialist expert knowledge and market experience
- An independent and unbiased perspective
- Flexible and focused delivery for short and long term goals
- Reduced business overheads

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