

Detect, real-time monitor and protect welding plants from short circuits occurring.

- a) **Problem statement:** Usage of welding plants and monitoring when short circuit occurs.
- b) **Background:** In the HSL yard there are around 180 welding plants that are operational these are operated at 415/230V. To know the input voltage and current of welding plants. It is required for good welding and to prevent equipment from short circuits. To know the health status of each welding plant like breakdown, ops/non-ops condition.
- c) **Solution:** by using robotic welding plants
- d) **Expected outcome:** To safeguard the welding plants and to identify the short circuits.
- e) **Conclusion:** To know the productivity and improve the health of welding plants.
- f)





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