Abstract

Disruption in electrical equipment installation is an abnormal condition where this condition can cause disturbance in continuous power service and damaging the electrical equipment. Especially, if it is happening in loading system PT. Petrokimia Gresik that has been known one of the most busiest loading port for industrial need. So, it is needed to do technical analysis to understand the trouble of electrical equipment installation in port loading system PT. Petrokimia Gresik. Besides, the technical analysis is made to understand the cause of the trouble and how to handle it. From this analysis, generally the trouble that often happen to electrical equipment installation are short-circuit current, overload and overcurrent. Troubles that often happen is cause by some factors like technical factor and non technical factor. To handle or prevent troubles, one of the solution is to choose electrical equipment and safety equipment compliance with its need and function.

Keyword : Power sistem protection, electrical motor, safety relay
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