

**DESIGN OF THE ELECTRICAL SERVICES
FOR A HIGH RISK BUILDING**

by

TASOURE THEODOROS

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SUMMARY

The design of the Electrical Services for a High Risk Building is the objective of this project.

The building consists of two main areas which are separated by a 50 cm cement wall. The two areas have no communication between them. The office and the toilets are in the workshop area.

The project includes:

- 1: The design the electrical installation of a building which includes areas with potentially explosive atmospheres.
- 2: The design of lightning and fire alarm protection scheme of such a building.
- 3: To provide all necessary diagrams schedule of materials and costing.

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