

The Design of a
MODEL LOCOMOTIVE BOILER

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Synopsis

This is a report on a proposed model locomotive boiler suggested base on simple studies and experiment on the boiler and steam . Basic concepts that govern the functioning, construction and design of a model boiler are briefly discussed as a background to the project .

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Project Objective

The objective of the project is to design a model of a locomotive boiler capable of generating 15 kg of steam an hour at a working pressure of 10 bar to run an engine rated with a power of 1.2 kW .