

Environmental Regulation On Engines For Generator Set Application and Generator Sets (Revised & Updated Version)

Foreword

Generator sets are a major source of noise and air pollution, which causes adverse health effects and also create nuisance. The rapid industrialization and growth in urban population has led to higher energy requirement. To meet the shortage in power supply, more and more generator sets are being installed by the industries as well as individuals.

Central Pollution Control Board has grouped the prime mover/ generator sets in following three broad classifications and has brought out noise and emission standards accordingly:

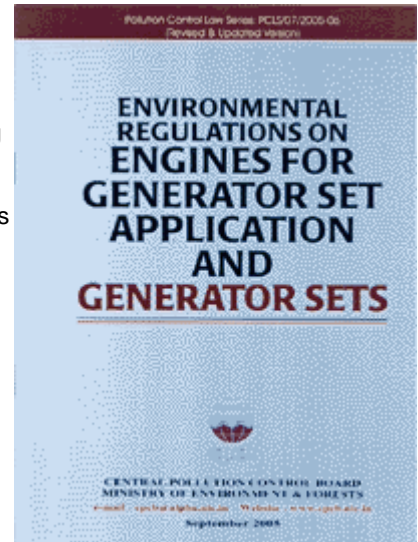
- * Petrol/Kerosene generator sets, which are generally of smaller ratings (upto 5-6 KVA are available in market)
- * Diesel generator sets, upto 1000 KV A / Diesel engines, upto 800 KW
- * Diesel generator sets, exceeding 1000 KVA / Diesel engines, exceeding 800 KW

There is a need to work on dual fuel and gas based generator sets also.

This compilation is brought out for dissemination of existing rules/guidelines governing noise and air emissions from generator sets / engines run with petrol / kerosene and diesel.

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We hope this document will be useful to all concerned.



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