

CENTRAL POLLUTION CONTROL BOARD
Parivesh Bhawan, East Arjun Nagar,
Delhi- 110032.

File No. B-13011/10/UPCD-COINDS

Date: 03/08/2010

Sub: Project on Preparation of Comprehensive Industry Document (COINDS) for Automobile Manufacturing Industries, for execution through Engagement of an outside Expert Agency

The Central Pollution Control Board, Delhi has taken up a project on “Preparation of Comprehensive Industry Document (COINDS) for Automobile Manufacturing Industries” for its execution through engagement of the services of an outside Expert Agency. The background, objective of the work, time schedule and scope of the project are given below.

Expert Agencies/Organisations may send their Expression of Interest (EOI) to **The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110032**, E-mail <jskamyotra.cpcb@nic.in> with copy to Additional Director and Incharge, Urban Pollution Control Division, Email <rsmahwar.cpcb@nic.in>, on or before August 17, 2010.

Background

The overall environmental management involve the manufacture and use of vehicles requires pollution control mean to be taken in the entire process from mining of oil, its refining and use in vehicles the tail pipe emissions and the manufacturing of vehicles. Standards for the fuel quality and vehicular emissions are already in place. The automotive manufacturing process involves various polluting activities such as casting, molding, electroplating, painting, testing of engines etc requires a detailed study to enable formulation of the standards for Effluent/discharges and hazardous waste generation as covered in the water/air consents and authorization under HWMD Rules. The environmental standards for automobile manufacturing industries have not been developed so far. Therefore, CPCB has decided to take up project on “Preparation of Comprehensive Industry Document (COINDS) for Automobile Manufacturing Industries”

Objective of the Work

- Inventorisation of Automobile manufacturing industries.
- In depth study of the process details of automobile manufacturing industry covering all categories of vehicles.
- Identification of different sources of pollution for the automobile manufacturing industry.
- Characterization of liquid effluent, gaseous emissions and hazardous wastes storage and disposal methods.

- Resource recycling and waste minimization practices.
- Identification of technologies appropriate for the control of water pollution, air pollution and fugitive emissions under Indian conditions.
- Development of proposed environmental standards for the automobile industry.

Project duration: Two years.

Scope of Work

- Literature survey for the current status of environmental problems of the automotive sector and their management process.
- Inventorization of automotive industries and their capacity and location.
- Identification of a representative number of automotive industries atleast 2 in each category for indepth studies.
- Assessment of the environmental status of the automotive industries, that are identified above and identification of the emission/discharge and other sources of pollution.
- Evaluation of the best available techniques in the sense of bringing down the pollution cause by automotive industries by resource recycling and waste minimization practices.
- Proposing of environmental standards based on above studies.