

- (v) In the case of existing coke ovens with wet quenching, the new procedures as in (i) and (ii) shall be adopted.
- (vi) The fugitive visible emission standards i.e. PLD\*, PLL\* and PLO\*, charging emission (second/charge).

Note: Units set up after the publication of this notification shall be treated as new units.

- \*HPLA - Aspiration through high pressure liquor injection in gooseneck;
- \*PLD - Percent leaking doors;
- \* PLL - Percent leaking lids; and
- \* PLO - Percent leaking off takes].

**<sup>1</sup>[80. SPECIFICATIONS OF TWO-STROKE ENGINE OIL :**

Specification	Standard	Test Procedure
Two-stroke engine oil grade JASO-FC as per  JASO M-345-93 specification And API TC as per specification No.ASTM D 4859	Minimum smoke Index of 85.	JASO-M342-92 for JASO-FC and ASTM D-4857 for API TC

The above specification shall be effective from the 1<sup>st</sup> day of April,1999.]

**<sup>2</sup>[81. BATTERY MANUFACTURING INDUSTRY**

**(i) Lead Acid Battery Manufacturing Industries. Emission Standards.**

Source	Pollutant	Concentration based Standards (mg/Nm <sup>3</sup> )
Grid casting	Lead	10
	Particulate matter	25
Oxide manufacturing	Lead	10
	Particulate matter	25
Paste mixing	Lead	10
	Particulate matter	25
Assembling	Lead	10
	Particulate matter	25
PVC Section	Particulate matter	150

<sup>1</sup> Sl. No. 80 and entries relating thereto inserted by the Environment (Protection) Amendment Rules, 1998 vide G.S.R. 504 (E), dated 20.8.1998.

<sup>2</sup> Sl. No. 81 to 87 and entries relating thereto inserted by the Environment (Protection) Amendment Rules, 1998 vide G.S.R. 7 (E), dated 22.12.1998.

- To comply with the respective standards, all the emissions from above-mentioned sources shall be routed through stack connected with hood and fan in addition to above, installation of control equipment viz. Bag filter/ventury scrubber, is also recommended.
- The minimum stack height shall be 30 m.

#### **Liquid Effluent Discharge Standards**

Pollutant	Concentration based standards
pH	6.5—8.5
Suspended solids	50 mg/l
Lead	0.1 mg/l

#### **(ii) Dry Cell Manufacturing Industry : Emission Standards**

Pollutant	Concentration based Standards (mg/Nm <sup>3</sup> )
Particulate matter	50
Manganese as Mn	5

- To Comply with the respective standards, all the emissions from above-mentioned sources shall be routed through stack connected with hood and fan. In addition to above, installation of control equipment viz. bag filter/ventury scrubber, is also recommended.
- The minimum stack height shall be 30m.

#### **Effluent Standards**

Pollutant	Concentration based standards
pH	6.5--8.5
Total suspended solids	100 mg/l
Manganese as Mn	2 mg/l
Mercury as Hg	0.02 mg/l
Zinc as Zn	5 mg/l

#### **(iii) Secondary Lead Smelters**

Pollutant	Concentration based standards
Lead as Pb	10 mg/Nm <sup>3</sup>
Particulate matter	50 mg/Nm <sup>3</sup>
Minimum stack height	30 m