(iii) BOD shall be allowed upto 350 mg/l for discharge into a town sewer, if such sewer leads to a secondary biological treatment system.

(iv) Suspended solids shall be allowed upto 450 mg/l for discharge into a town sewer, if such sewer leads to a secondary biological treatment system.

70. BOILERS(SMALL)

Steam generation capacity (ton/hour)	Particulate matters emission (mg/Nm^3)
less than 2	1200*
2 to less than 10	800*
10 to less than 15	600*
15 and above	150**

* to meet the respective standards, cyclone/multicyclone is recommended as control equipment with the boiler.

** to meet the standard, bag filter/ESP is recommended as control equipment with the boiler.

Note :

(i) 12% of CO_2 correction shall be the reference value for particulate matter emission standards for all categories of boilers.

(ii) These limits shall supercede the earlier limits notified under Schedule I at serial number 34 of Environment (Protection) Act, 1986 vide notification GSR 742(E), dated 30th August, 1990.

(iii) Stack Height for small Boilers.
For the small boilers using coal or liquid fuels, the required stack height with the boiler shall be calculated by using the formula.

$H=14\ Q^{0.3}$

Where H—Total stack height in metres from the ground level.

$Q=SO_2$ emission rate in kg/hr.

In no case the stack height shall be less than 11 metres.

Where providing all stacks are not feasible using above formula the limit of 400 mg/Nm^3 for SO_2 emission shall be met by providing necessary control equipment with a minimum stack height of 11 metres.

71.PESTICIDES INDUSTRY

(i) Compulsory Parameters	mg/l except pH
pH	6.5—8.5
BOD (3 days at 27^oC)	100
Oil & Grease	10
Suspended solids	100
Bioassay test	Minimum 90% survival of fish after 96 hours with 90% effluent and 10% dilution water. Test shall be carried out as per IS : 6502-1971.

(ii) Additional Parameters	mg/l
(a) Heavy metal	
Copper	1.0
Manganese	1.0
Zinc	1.0
Mercury	0.01
Tin	0.1
Any other like Nickel	shall not exceed 5 times the drinking water standards (BIS) individually.
(b) Organics	
Phenol & Phenolic Compounds as C_6H_5OH	1.0
(c) Inorganics	
Arsenic as AS	0.2
Cyanide as CN	0.2
Nitrate as NO_3	50
Phospate as P	5.0