

EMISSIONS STANDARDS

FRANCE



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The Ministry of Ecology, Energy Sustainable Development and Planning was established on 1 June 2007. This Ministry is responsible for state environmental policy, transportation, infrastructures, sea and habitat policy, and territorial development. The Act of 2 August 1961 on Air Pollution Control and Odour Abatement sets the framework for air pollution control in France. Specific requirements are set out in decrees, orders and instructions. Environmental legislation in France is strongly influenced by EU policy in this field. France has transposed almost all EU Directives into national laws. Limitations on emissions of certain air pollutants set out in [EU Directive 2010/75/EU](#) are implemented in the [Order of 26 August 2013 relating to combustion plants with a capacity greater than or equal to 20 MW](#). The emission limits for combustion plants with a total rated thermal output of less than 50 MW are implemented in the [Order of 3 August 2018](#), following the [EU Directive 2015/2193](#). The emission limits in the following tables are expressed at 0°C, 101.3 kPa, on a dry basis, and with 6% of O₂ in the flue gas.

Emission limit values for combustion plants authorised after 1 November 2010

Thermal power output, MW	Dust (particulate matter), mg/m ³	SO ₂ , mg/m ³	NO _x , mg/m ³	CO, mg/m ³
≥50 – <100	20	400	300	100 ⁽²⁾
≥100 – <300	20	200	200	100 ⁽²⁾
≥300	10	150 ⁽¹⁾	150	100 ⁽²⁾

⁽¹⁾ The SO₂ emission limit is 200 mg/m³ for combustion in circulating or pressurised fluidised beds.


⁽²⁾ For pulverised coal the CO emission limit is 50 mg/m³.

Note: These emission limit values apply to coal, lignite, and other solid fuels.

Emission limit values for combustion plants authorised before 1 November 2010

Thermal power output, MW	Dust (particulate matter), mg/m ³	SO ₂ , mg/m ³	NO _x , mg/m ³	CO, mg/m ³
≥50 – <100	30	400 ⁽¹⁾	300 ⁽²⁾	200 ⁽⁵⁾
≥100 – <300	25	200 ⁽¹⁾⁽³⁾	200 ⁽²⁾	150 ⁽⁵⁾
≥300	20	200 ⁽¹⁾	200 ⁽²⁾⁽⁴⁾	150 ⁽⁵⁾

⁽¹⁾ Plants whose initial authorisation was granted before 27 November 2002 or which were the subject of a request for authorisation before this date, and do not operate for more than 1,500 hours per year on a rolling average over a period of 5 years, are subject to a SO₂ emission limit of 800 mg/m³, provided they were in service by 27 November 2003. Part of a combustion plant that discharges its waste gases through one or more separate pipes within a common chimney and does not operate for more than 1500 operating hours per year on a rolling average over a period of 5 years may have a SO₂ emission limit of 800 mg/m³.

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- (2) Plants whose total rated thermal power is less than 500 MW and do not operate for more than 1500 hours per year on a rolling average over a period of 5 years, are subject to a NO_x emission limit of 450 mg/m³, provided initial authorisation was granted before 27 November 2002 or who applied before this date. Part of a combustion plant that discharges its waste gases through one or more separate pipes within a common chimney and does not operate for more than 1500 operating hours per year on a rolling average over a period of 5 years have a NO_x emission limit of 450 mg/m³.
- (3) Plants whose initial authorisation was granted before 31 July 2002 or were subject of an application for authorisation before this date, have an emission limit of 250 mg/m³ for SO₂ and 225 mg/m³ for NO_x, provided they were put into service by 27 November 2003 and have not been the subject of a modification or extension leading to the filing of a new application for authorisation pursuant to Article R. 512-33 of the Environment Code after 31 July 2002.
- (4) Plants with a total rated thermal output of ≥500 MW and do not operate for more than 1500 hours per year, based on a rolling average over a period of 5 years, can meet a NO_x emission limit of 450 mg/m³, provided their initial authorisation was granted before 1 July 1987.
- (5) Part of a combustion plant that discharges its waste gases through one or more separate pipes within a common chimney and does not operate for more than 1500 operating hours per year on a rolling average over a period of 5 years may be subject to a NO_x emissions limit of 450 mg/m³.
- (6) The CO emission limit for pulverised coal is 100 mg/m³.

This paper reflects the IEACCC understanding of the relevant legislation and is not a substitute for the official version. The IEACCC does not guarantee the accuracy of the data included in this paper and accepts no responsibility for any consequences of their use.

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