



Austria

The Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (Bundesministerium für Land- und Forstwirtschaft, Umwelt und Wasserwirtschaft, BMLFUW, <http://www.bmlfuw.gv.at/en>) is responsible for the federal emission standards. The Environment Agency Austria (Umweltbundesamt, <http://www.umweltbundesamt.at/en/>) provides advice to the Ministry on the draft national regulations and on EU proposals for environmental directives and regulations, and their implementation and application. Austrian emission standards for air pollutants from combustion plants are given in the *Emission Protection Act for Steam Boilers* (Emissionsschutzgesetz für Kesselanlagen – EG-K 2013, Bundesgesetzblatt für die Republik Österreich, Part I, no. 127, 36 pp (11 July 2013), see https://www.ris.bka.gv.at/Dokumente/BgblAuth/BGBLA_2013_I_127/BGBLA_2013_I_127.pdf). It came into force on 12 July 2013, and meets the relevant EU directives (see <http://www.iea-coal.org.uk/documents/83365/9012/European%20Union>).

Emission limit values for particulate matter from lignite and hard coal-fired steam boilers

Plant type	Plant size*, MWt	Emission limit value, mgNm ³
existing plants	50-100	25
	100-300	25
	>300	20
old plants	50-100	25
	100-300	25
	>300	20
new plants	50-300	20
	>300	10

* thermal input of boiler

Emission limit values for sulphur dioxide (SO₂) from lignite and hard coal-fired steam boilers

Plant type	Plant size*, MWt	Emission limit value, mg/Nm ³
existing plants	50-100	200 (hard coal) 400 (pulverised lignite)
	100-300	200
	>300	200
old plants	50-100	400
	100-150	250
	150-300	200
	>300	200

new plants	50-100	200 (hard coal) 400 (pulverised lignite)
	100-300	200
	>300	150 200 (circulating or pressurised fluidised bed combustion)

* thermal input of boiler

Emission limit values for nitrogen oxide (NOx) from lignite and hard coal-fired steam boilers

Plant type	Plant size*, MWt	Emission limit value, mg/Nm ³
existing plants	50-100	200
	100-300	200
	>300	200
old plants	50-100	300 (hard coal) 450 (pulverised lignite)
	100-300	200
	>300	200
new plants	50-100	200 (hard coal) 400 (pulverised lignite)
	100-300	200
	>300	150 (hard coal) 200 (pulverised lignite)

* thermal input of boiler

Emission limit values for carbon monoxide (CO) from lignite and hard coal-fired steam boilers

Plant type	Emission limit value, mg/Nm ³
existing plants	150
old plants	250
new plants	150

Emission limit values for ammonia (NH₃) (ammonia slip) from lignite and hard coal-fired steam boilers

Plant type*	Emission limit value, mg/Nm ³
existing plants	10
old plants	10
new plants	10

* for plants equipped with non-catalytic denitrification reduction measures. The emission limit values do not apply to plants equipped with selective catalytic reduction (SCR) units.

Notes

Old plants are those with a rated thermal input of 50 MW or more that have received or applied for a permit before 27 November 2002, provided the plants were put into operation no later than 27 November 2003.

Existing plants are those with a rated thermal input of 50 MW or more that are not old plants and have received or applied for a permit before 7 January 2013, provided the plants are in operation before 7 January 2014.

New plants are those with a rated thermal input of 50 MW or more that are not old or existing plants.

Emission limit values are expressed at 273.15 K (0°C), 101.3 kPa and on a dry flue gas basis with 6% of O₂ in the flue gas. For ammonia emissions, the dry flue gas (at 273.1 K and 101.3 kPa) has 0% oxygen.

This paper reflects the IEA CCC understanding of the relevant legislation and is not a substitute for the official version. The IEA CCC 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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