

Definition of Emissions Limits

The following values apply for boilers fitted with a cyclone (ZA or MZA) but without an electric filter if contract compliant fuel acc. to ÖNORM EN 14961 is used.

Ambient pressure: 1013 mbar

Reference oxygen level ... 11%	mg/m ³
Dust	≤ 150
CO	≤ 150
NOx with fuel N ≤ 2%	≤ 500
NOx with fuel N ≤ 0,3%	≤ 200
OrgC	≤ 10

With an electric filter the above limits can be improved if required.

Definition of Emissions Limits under Laboratory Conditions

The above limits can be improved under ideal (laboratory) conditions. This however requires to be a single test only, cleaning and preparation of the boiler and the test has to be done under guidance and attendance of Herz.

Pellets

Fuel in accordance with DINplus specifications

Reference oxygen level ... 11%	mg/m ³
Dust	≤ 75
CO	≤ 50
NOx with fuel N ≤ 0,3%	≤ 200
OrgC	≤ 5

Chip

Emissions test with "ideal" chip in accordance with ÖNORM EN 14961 and additionally: Spruce only, no bark, no fine particles (dust), N-content ≤ 0,1%

Reference oxygen level ... 11%	mg/m ³
Dust	≤ 120
CO	≤ 100
NOx with fuel N ≤ 0,1%	≤ 150
OrgC	≤ 5