MATEMATICKÝ MODEL VÝPOČTU EMISNEJ VELIČINY
C_{max} NO_x ZO SPAĽOVANIA VLHKEJ DENDROMASY
V ROŠTOVÝCH KÚRENSKÁCH

Ladislav DZURENDA

Drevárska fakulta, Technická univerzita vo Zvolene, T. G. Masaryka 24, 960 53 Zvolen, Slovensko, dzurenda@vsl.d.tuzvo.sk

ABSTRACT

Dzurenda L.: Mathematic Model for the Calculation of the Emission Value of C_{max} NO_{x} for Combustion of Wet Dendromass in Grate Fire Chamber

In this paper is specified emission variable C_{max} NO_{x} in combustion products from process of combustion of wet wood in fire chamber boiler. By technical calculation in compliance with measures § 3, subsection 2, sort a) regulations MZP SR 408/2003 from Collection of Laws is specified the highest concentration of nitrogen oxides NO_{x} expression form NO_{2} in arid combustion products from process of wet dendromass burning.

Calculation of emission variable consists of calculations of maximal variable concentration NO_{2} in arid combustion products and accuracy rating of objective technical calculation.

Key words: combustion, wet dendromass, technical calculation, emission variable C_{max} NO_{x}