

Danuta Milczarek: Emission of Toxic Gases Emitted During Combustion of Materials

The article presents the assumptions of a research project carried out by the Railway Research Institute relating to testing the impact of heat radiation intensity on the emission of toxic gases emitted during combustion. The FTIR technique (Fourier-transform infrared spectroscopy), testing apparatuses and the scope of research have been described.

Keywords: railway, fire safety, fire behavior, test methods, toxicity, FTIR