

Bulaev V.G. Ecological safety of diesel locomotives and ways to increase it // Railway transport.



Railway transport is the largest consumer of liquid hydrocarbon fuel and is a source of harmful emissions. A powerful incentive for the production and use of low-toxic engines should be an increase in the payment for environmental management. To characterize the engine as a source of environmental pollution is an indicator - the emission of harmful substances per unit of time. Compliance with the standards for the content of harmful substances in the exhaust gases of engines is becoming tougher, so it is recommended to use the following promising measures to reduce emissions of harmful substances: electronic fuel injection, exhaust gas recirculation with their external cooling and others.