

Provision of gas engine bus performance with air-fuel mixture

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Abstract

© 2015, ASERS Publishing House. All rights reserved. To evaluate air ratio impact on the engine temperature condition, environmental and economic performance, in-operation and bench test of gas engines with an exhaust gas catalyst have been performed. Air-fuel mixture was adjusted with adjustment of a fuel supply ECU. Data given show air-fuel impact on environmental and economic performance as well as reliability of a gas engine.

[http://dx.doi.org/10.14505/jemt.v6.1\(11\).09](http://dx.doi.org/10.14505/jemt.v6.1(11).09)

Keywords

Air-fuel mixture, Catalyst, Compressed natural gas (CNG), Concentration, Exhaust gases, Gas engine, Pollutant emissions