



Technic proposals for reduction evacuation gases on the termic engines and the chemical components of those

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The evacuation gases analyst is made with the purpose to evaluate the perfection degree of the fuel burn to appreciate the heat losses because the incomplete burn, and because of the eventual escapes through the tightness to establish the air excess coefficient, fill up coefficient, to establish the pollution degree of the atmosphere with toxics produces. How we well known, the evaluation gases of the Otto's engine or diesel engines contain for the main pollution factors, carbon oxide, azoth oxides, sulf and smoke produces. Polluting degree depend on the engine type, on the functioning regime and on the fuel. Otto's engine emits big quantities of carbon oxide, during the diesel engine emits in certain functioning regime, more azoth oxides and a lot of smoke. The phenomenon that the measuring apparatus is basing on are: the unspread energy absorption in the infrared radiation spectrum, flame ionization etc. All the determinations are executing for the purpose to find methods for reduction of polluting degree of environment.