

عنوان مقاله:

Quality evaluation and pollution ranking of domestically produced cars

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خلاصه مقاله:

Today most countries, examine the problem of car pollution. They enacted laws to prevent environmental polluting cars. They also try to find out wither pollution standards are applied by cars manufacturers or not. The purpose of this study is to rank domestically produced cars quality based on manufacturing technology and exhaust emissions. Variables HC, CO, O₂, CO₂, and λ are analyzed for 10 selected car types, and results are presented with a box chart and finally, the considered cars are ranked according to the scored values. In practice, regarding the results of pollution variable, domestically produced cars can be ranked in terms of pollution quality parameters. According to the numeric range determined for each variable, a number is assigned to each car and finally, the average score is calculated for each car.

کلمات کلیدی:

Car technical examination, Pollutants, Pollution standard

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