

**LEMBAR HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL INTERNASIONAL**

Judul Jurnal Ilmiah (Artikel) : Effect of butanol on performances and exhaust gas emissions of gasoline engine with EGR system

Jumlah Penulis : Firman Lukman Sanjaya, Syaiful dan Nazaruddin Sinaga*

Status Pengusul : Penulis ke-3

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- g. Alamat Artikel : <http://ijiet.com/wp-content/uploads/2019/08/17.pdf>
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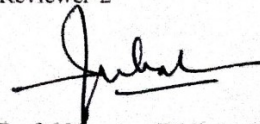
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Prof. I Nyoman Widiasta, ST, MT.
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Pada judul, abstrak dan pendahuluan tidak terlalu terlihat bahwa butanol digunakan sebagai *additive*, terkesan butanol digunakan sebagai *fuel*. Baru setelah membaca pendahuluan diperoleh informasi yang dimaksud. Namun demikian makalah ini memiliki unsur yang lengkap dan berisi informasi penting yang menarik. (Nilai 9%)

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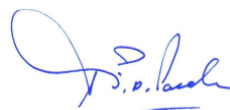
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Bandung, 24 Januari 2020
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Prof. Dr. Ir. Ari Darmawan Pasek
NIP 195905071987021001
Bidang Ilmu: Teknik Mesin
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Effect of butanol on performances and exhaust gas emissions of gasoline engine with egr system

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FL Sanjaya, S Syaiful, [N SINAGA](#) - International Journal of ..., 2019 - eprints.undip.ac.id

Increased use of gasoline engines results in scarcity of fuel and air pollution. Butanol is a renewable alternative fuel that can improve engine performance and reduce exhaust emissions. Therefore, the current study focuses on the use of butanol as an alternative fuel for gasoline engines by investigating the impact of its use on engine performance and exhaust emissions with the exhaust gas recirculation (EGR) system. Butanol in this study varied in the range of 5% to 15% in conditions without EGR, hot EGR, and cold EGR. From ...

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