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**Electrostatic Cooling System as Environmentally Conscious Cooling Technique:
A Review on Its Potentials for Machining Processes**

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Abstract

The use of excessive cutting fluids in machining has significantly improved the productivity and quality of machined parts. However, its negative effects on the manufacturing cost, health, and environment raise the need for alternative cooling technique. Electrostatic cooling technique, in which ionized airflow or very fine droplets of lubricant or coolant are generated through electrostatic charging, has positive notion on the environment, health, and safety. This mini review paper provides overview on the assessment of electrostatic cooling system in terms of machining responses, towards proposing its use as an environmentally conscious cooling technique.

Keywords: Electrostatic cooling system, machining responses

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Jumlah Transfer : Rp. 400.000,00
Biaya Transfer : Rp. 5.000,00
Jumlah yang Dibebit : Rp. 405.000,00
Rekening Penerima : PT BANK NEGARA INDONESIA 40 (SYAKLAH)
Nama Bank : KOTA MAKASSAR
Kota Tujuan : BNI40,(SYAKLAH) MAKASSAR
Lokasi Cabang : Yayasan Wakat UMI
Nama Penerima : 0100005817
Nomor Rekening : Ya
Warganegara : Ya
Penduduk : Ya
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