

## CERTIFICATE

Number: 011/ISAIME-CER/X/2019

This certificate is awarded to

## Helmy Purwanto

for the participation as PRESENTER of a manuscript entitled:

The Effect of Tempering Temperature on Medium Carbon Steel Plate of Surface Hardening Result Using Induction Heating as Ballistic Resistant Material Study

presented on the technical session in International Symposium on Advances and Innovations in Mechanical Engineering (ISAIME 2019) on 9 October 2019 at Kartika Aston Grogol Hotel, Jakarta, Indonesia

Ir. Tono Sukarnoto, MT

Chairman of Badan Kerja Sama Teknik Mesin (BKSTM) COMMITTEE

Description of the Committee

ISAIME 2019



## CERTIFICATE

Number: 012/ISAIME-CER/X/2019

This certificate is awarded to

Helmy Purwanto, Muhammad Dzulfikar, Mohammad Tauviqirrahman, Rifky Ismail, Nyoto Lestari

for the participation as AUTHORS of a manuscript entitled:

The Effect of Tempering Temperature on Medium Carbon Steel Plate of Surface Hardening Result Using Induction Heating as Ballistic Resistant Material Study

presented in International Symposium on Advances and Innovations in Mechanical Engineering (ISAIME 2019) on 9 October 2019 at Kartika Aston Grogol Hotel, Jakarta, Indonesia

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