

JWE5 The International Journal of

Mechanical Engineering and Sciences

https://iptek.its.ac.id/index.php/jmes

e-ISSN 2580-7471

Editor-in-Chief:

Dr. Vivien S. Djanali, Department of Mechanical Engineering, Institut Teknologi Sepuluh Nopember, Indonesia

Editor:

Prof. Volodymyr Yartys, Institute for Energy Technology, Norway, Norway

Prof. Tri Yogi Yuwono, Department of Mechanical Engineering, Institut Teknologi Sepuluh Nopember, Indonesia

Dr. Suwarno, Department of Mechanical Engineering, Institut Teknologi Sepuluh Nopember, Indonesia

Dr. Bambang Pramujati, Department of Mechanical Engineering, Institut Teknologi Sepuluh Nopember, Indonesia

Dr. Bambang Sudarmanta, Department of Mechanical Engineering, Institut Teknologi Sepuluh Nopember, Indonesia

Focus and Scope:

Topics covered by JMES include most topics related to mechanical sciences include energy conversion (wind, turbine, and power plant), mechanical structure and design (solid mechanics, machine design), manufacturing (welding, industrial robotics, metal forming), advanced materials (composites, nanotube, metal foam, ceramics, polymer), metallurgy (corrosion, non-destructive testing, heat treatment, metal casting), heat transfer, fluid mechanics, thermodynamics, mechatronics and controls, advanced energy storage and devices (fuel cell, electric vehicle, battery), numerical modelling (FEM, BEM).

Author Guidelines:

Please kindly visit the JMES website: http://iptek.its.ac.id/index.php/jmes/about/submissions

Open Access Policy:

Articles published in JMES will be Openly-Access articles distributed under the terms and conditions of the Creative Commons Attribution License http://creativecommons.org/licenses/by/4.0/. Under these term the others free to reuse, copy, adapt, extract, and modify the content of the articles as long as the authors are properly attributed.

Publisher Information and Contact:

JMES The International Journal of Mechanical Engineering and Sciences is published by Lembaga Penelitian dan Pengabdian kepada Masyarakat (LPPM) ITS and managed by the Department of Mechanical Engineering.

Mailing Address

JMES Editorial Office

Departemen Teknik Mesin, Institut Teknologi Sepuluh Nopember

Kampus ITS Sukolilo Surabaya 60111

Building C, Floor 2

Fax/phone: +62-31-5922941

Principal Contact

Vivien S. Djanali

Department of Mechanical Engineering, Institut Teknologi Sepuluh Nopember

Phone: +62315922941 Email: jmes@its.ac.id

Support Contact

Ika Dewi Wijayanti Phone: +62315946230 Email: dewi@me.its.ac.id



JME5 The International Journal of

Mechanical Engineering and Sciences

https://iptek.its.ac.id/index.php/jmes

Volume 3 | Issue 1 | March 2019

e-ISSN 2580-7471

Table of Contents

Study on The Effect of Cold-Rolling and Subsequence Welding on the	
Corrosion Rate of 304L	1-7
Niko Arianto, Suwarno	

Numerical Study of Impeller Trimming on a Centrifugal Pump Test Unit 8-16 R. Aurick Nugraha Prawito, Vivien Suphandani Djanali, Alif Arif Wicaksono