## Accepted Manuscript



Title: Microstructure and <!--<query id="Q1">Please check the DOC headfor correctness.</query>->mechanical properties of resistance spot welded in welding-brazing mode and resistance element welded magnesium alloy/austenitic stainless steel joints

Authors: S.M. Manladan, F. Yusof, S. Ramesh, Y. Zhang, Z. Luo, Z. Ling

| PII:           | S0924-0136(17)30278-9                                  |
|----------------|--|
| DOI:           | http://dx.doi.org/doi:10.1016/j.jmatprotec.2017.07.006 |
| Reference:     | PROTEC 15303   |
| To appear in:  | Journal of Materials Processing Technology             |
| Received date: | 21-4-2017  |
| Revised date:  | 3-7-2017   |
| Accepted date: | 5-7-2017   |

Please cite this article as: Manladan, S.M., Yusof, F., Ramesh, S., Zhang, Y., Luo, Z., Ling, Z., Microstructure and mechanical properties of resistance spot welded in welding-brazing mode and resistance element welded magnesium alloy/austenitic stainless steel joints.Journal of Materials Processing Technology http://dx.doi.org/10.1016/j.jmatprotec.2017.07.006

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## ACCEPTED MANUSCRIPT

## Microstructure and mechanical properties of resistance spot welded in welding-brazing mode and resistance element welded magnesium alloy/austenitic stainless steel joints

S. M. Manladan<sup>1,3</sup>, F. Yusof<sup>1,2\*</sup> farazila@um.edu.my, S. Ramesh<sup>1,2\*</sup> ramesh79@um.edu.my, Y. Zhang<sup>4</sup>, Z. Luo<sup>4,5</sup>, Z. Ling<sup>4</sup>

<sup>1</sup>Department of Mechanical Engineering, Faculty of Engineering, University of Malaya, 50603 Kuala Lumpur, Malaysia

<sup>2</sup>Center for Advanced Manufacturing and Materials Processing (AMMP), Faculty of

Engineering, University of Malaya, 50603 Kuala Lumpur, Malaysia

<sup>3</sup>Department of Mechanical Engineering, Faculty of Engineering, Bayero University, Kano, 3011 Kano, Nigeria

<sup>4</sup> School of Materials Science and Engineering, Tianjin University, Tianjin 300072, China

<sup>5</sup> Collaborative Innovation Center of Advanced Ship and Deep-Sea Exploration, Shanghai

200240, China

\*Corresponding authors.

Download English Version:

## https://daneshyari.com/en/article/5017663

Download Persian Version:

https://daneshyari.com/article/5017663

Daneshyari.com