



**EDITORS**  
ERRY YULIAN TRIBLAS ADESTA  
AKM Nurul Amin  
Mohamad Yeakub Ali

# **MANUFACTURING MANAGEMENT**

From basic machining to quality product



**IIUM Press**

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## **EDITORS**

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**IIUM Press**

Published by:  
IIUM Press  
International Islamic University Malaysia

First Edition, 2011  
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Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

Erry Yulian Triblas Adesta, AKM Nurul Amin & Mohamed Yeakub Ali: Manufacturing from Basic Machining to Quality Product

ISBN: 978-967-418-165-9

Member of Majlis Penerbitan Ilmiah Malaysia - MAPIM  
(Malaysian Scholarly Publishing Council)

Printed by :  
**IIUM PRINTING SDN.BHD.**  
No. 1, Jalan Industri Batu Caves 1/3  
Taman Perindustrian Batu Caves  
Batu Caves Centre Point  
68100 Batu Caves  
Selangor Darul Ehsan  
Tel: **+603-6188 1542 / 44 / 45** Fax: **+603-6188 1543**  
EMAIL: [iiumprinting@yahoo.com](mailto:iiumprinting@yahoo.com)

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1, 2, 3, 4 Department of Manufacturing and Materials Engineering  
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✉ : mmyali@iium.edu.my

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1, 2, 3, 4 Department of Manufacturing and Materials Engineering  
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✉ : mmyali@iium.edu.my

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1, 2, 3, 4 Department of Manufacturing and Materials Engineering  
Faculty of Engineering – International Islamic University Malaysia  
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✉ : eadesta@iium.edu.my; hussain@iium.edu.my / ✉ :

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✉ : naqshbandiabreeq@gmail.com

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✉ : surya@iium.edu.my; nuraz3510@gmail.com / ✉

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✉ : ctsusie@hotmail.com

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1, 2. Faculty of Engineering – International Islamic University Malaysia  
E-mail : eadesta@iium.edu.my; sharmi.hameed@gmail.com

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E-mail : ctsusie@hotmail.com

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1, 2,3. Faculty of Engineering - International Islamic University Malaysia

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1, 2 Faculty of Engineering – International Islamic University Malaysia

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## Quality Management System: In light of Project Management

Erry Yulian Triblas Adesta<sup>1</sup> and Sharmila Fathima<sup>2</sup>

1, 2. Faculty of Engineering – International Islamic University Malaysia

✉ : [eadesta@iium.edu.my](mailto:eadesta@iium.edu.my); [sharmi.hamced@gmail.com](mailto:sharmi.hamced@gmail.com)

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### 5. Introduction

Project management is a research field with potentials of bringing different disciplines to focus on a focal phenomenon of study, i.e. projects. The breadth of perspective is challenging interesting and highly demanding. One major aspect in project management is Quality Management which includes all the activities of the performing organization that determine quality policies, objectives, and responsibilities so that the project will satisfy the needs for which it was undertaken which is applying the planned, systematic quality activities to ensure that the project employs all processes needed to meet requirements.[1]. The Project Quality Management processes include the following:

1. Quality Planning: identifying which quality standards are relevant to the project and determining how to satisfy them.
2. Perform Quality Assurance – applying the planned, systematic quality activities to ensure that the project employs all processes needed to meet requirements.
3. Perform Quality Control – monitoring specific project results to determine whether they comply with relevant quality standards and identifying ways to eliminate causes of unsatisfactory performance.

It is believed that if the objectives of a firm are well defined and subscribed by all employees, the responsibilities of the department and the designation are clearly delineated and the procedures are well documented, it is likely that the products or services of the firm are “fit for purpose” and meeting the clients’ requirements.

This is important as for a company to remain competitive it should meet the two essential factors i.e. to satisfy the client and to make profit. Evidences show that by adopting Quality management system (QMS), communications had been improved; mistakes, rework and wastage had been