



**SDI Review Form 1.6**

Journal Name:	<a href="#">British Journal of Mathematics &amp; Computer Science</a>
Manuscript Number:	<b>Ms_BJMCS_28497</b>
Title of the Manuscript:	<b>AUTOMATION OF GATING SYSTEM PARAMETERS FOR GREEN SAND IRON CASTINGS</b>
Type of the Article	

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b><u>Compulsory</u></b> REVISION comments	<p><b>The experimental details and content are both excellent, however, authors need to pay special attention to the details of expressions.</b></p> <p>-----□□ = Mass density of molten metal, kg/mm<sup>3</sup>. For grey cast iron, □□ = 6.09 x 10<sup>-6</sup>, kgmm<sup>-3</sup> (Charles and Timothy, 1981) Authors need to uniform the units applied in the text.</p> <p>-----<b>Conclusion</b> <b>Authors need to delete words such as 'it can be concluded that' and rewrite this part.</b></p>	
<b><u>Minor</u></b> REVISION comments	<p>-----In Fig.8, 2 0 -2 should be separated</p> <p>-----References Authors should correct the reference part according to the journal's requirements. [22]Masuomi M. (2007), "Effect of Gating Design on Mould Filling", <i>International Journal of Cast Metal Research, American Foundry Society</i>, 2007. Twice year [21] Knight, B., Cowell, D.F., Preddy, K. (1995): An Object Oriented Support Tool for the Design of Casting Procedures Engineering Applications of Artificial Intelligence. Vol 8. no.5, pp. 561-567, (1995) [14] Hardin, R.A., and Beckermann, C. (2004): "Effect of Porosity on Mechanical Properties of 8630 Cast Steel," <i>Proceedings of the 58th SFSA Technical and Operating Conference</i>, Paper No. 4.4, Steel Founders' Society of America, Chicago, IL.</p>	



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	[16] Hays T., Hartay G. and Bell C. (2003): “Experiments in Steel Gating: Three Foundries Report”, MODERN CASTING, March 2003, 35.	
<b><u>Optional/General</u></b> comments	None	

**Reviewer Details:**

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