Review Form2

Book Name:	**Chemical and Materials Sciences - Developments and Innovations**
Manuscript Number:	**Ms_BPR_2009**
Title of the Manuscript:	**Corrosion properties for roll-bonded one-layer AA4045/AA3003 for heat exchanger application**
Type of the Article	**Book Chapter**

PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback***(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	By Understanding the corrosion properties of roll-bonded one-layer AA4045/AA3003 is crucial for the efficient and reliable operation of heat exchangers. This knowledge helps prevent structural failures, reduces maintenance costs, and ensures long-term performance in harsh environments. By optimizing material selection and implementing effective corrosion mitigation strategies, the lifespan and safety of heat exchangers are significantly enhanced, leading to economic savings and environmental benefits.	
Is the title of the article suitable? **(If not please suggest an alternative title)**	**Yes**	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	**Yes it is** comprehensive	
Are subsections and structure of the manuscript appropriate?	**Obviously**	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part.	**Cost Savings**: Investing in materials with better corrosion resistance can lead to significant cost savings over the lifecycle of heat exchangers. **Sustainability**: Enhanced corrosion resistance reduces the frequency of replacements and the associated environmental impact of manufacturing and disposing of heat exchanger components.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **-**	**Yes**	

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Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	Yes	
Optional/Generalcomments		

PART 2:

	Reviewer's comment	**Author's comment***(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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Chandrashekara K N**
Department, University & Country	**S J C Institute of Technology, India**