

[Review Form 2](#)

Book Name:	Chemical and Materials Sciences: Developments and Innovations
Manuscript Number:	Ms_BPR_3814
Title of the Manuscript:	Performance of UNS S41427 Supermartensitic Stainless Steel in hydrochloric acid with the addition of propargyl alcohol as corrosion inhibitor
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 minimum of 3-4 sentences may be required for this part.	Manuscript relevant to the scientific community	
Is the title of the article suitable? (If not please suggest an alternative title)	Title is appropriate but a slight modification is hereby proposed (Corrosion performance of UNS S41427 Supermartensitic Stainless Steel in propargyl alcohol inhibited hydrochloric acid)	
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.	The abstract do not align appropriately. The context of the use of the steel to withstand severe conditions of pressure and temperature do not align with superior corrosion resistance performance. Also the temperatures that exist in oil drilling do not align with the experimental conditions. A rephrasing of the abstract is suggested!	
Are subsections and structure of the manuscript appropriate?	Okay	
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 minimum of 3-4 sentences may be required for this part.	The correctness of the manuscripts is not backed by relevant test results. Corrosion rate calculation is properly evaluated. A proper revision is recommended to meet scientific requirements	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Okay	
Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

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)
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

Name:	Afabor Abraham Martins
Department, University & Country	Delta State University of Science and Technology, Nigeria