



**SDI Review Form 1.6**

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	<b>Ms_CJAST_45822</b>
Title of the Manuscript:	<b>COMPARATIVE ANALYSIS OF EFFECTS OF CORROSION IN MARINE HEAT EXCHANGER PERFORMANCE IN TWO MEDIA USING CAST STEEL C-1020 AND COPPER C-642</b>
Type of the Article	<b>Original Research Article</b>

**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>)

**PART 1: Review Comments**

	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)
<b>Compulsory</b> REVISION comments	<b>I did not see the different from the usual heat exchanger and for the marine use. Is it the same?</b> <b>Why there is no examples for using in the ship or in another things related to marine use?</b>	Thanks for your comments. This work considered the behavior of the selected materials in both marine fresh water and marine seawater environment. Two different samples of corroded cast steel and copper heat exchanger were obtained from marine freshwater environment and marine seawater water environment where their corrosion impact was investigated. Also, the study was entirely centered on the corrosion behavior of cast steel and copper in both marine environment (freshwater and seawater).  Samples of corroded shell and tube heat exchanger used in marine tugboat from marine fresh water environment and marine seawater environment were collected and analyzed.
<b>Minor</b> REVISION comments	This hence demonstrated that proper material selection and best engineering design are the best means of combating corrosion and reducing its failures and effects in marine heat exchanger performance. <b>I think the statement above can completed with the samples from marine use.</b>	
<b>Optional/General</b> comments	The paper is good but because it stated about marine, for my opinion it will be perfect if the author could make any samples from marine use.	

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