KORESPONDENSI ARTIKEL JURNAL

Judul : Visual Inspection and Non-Destructive Test (NDT) on ASTM A36 Welded

Joints Produced by GMAW

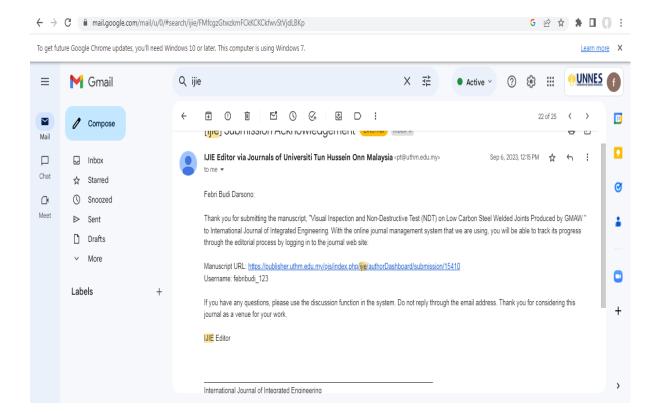
Jurnal : International Journal of Integrated Engineering

Terindeks : Scopus Q3

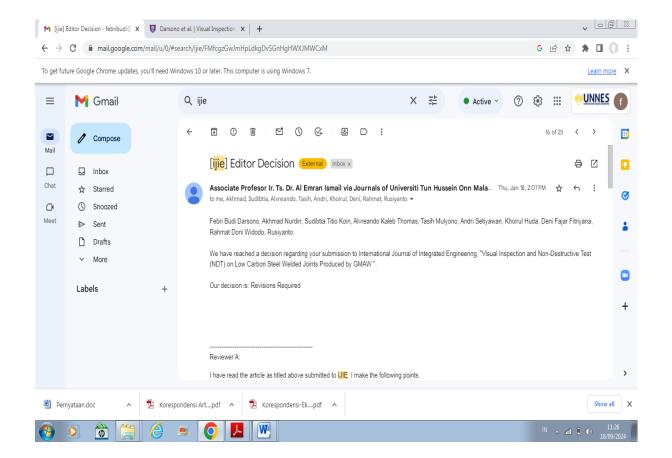
Link : https://publisher.uthm.edu.my/ojs/index.php/ijie/article/view/15410

No.	Proses	Keterangan			
1.	Submission File	06 September 2023			
2.	Editor Decision: Revision Required	18 Januari 2024			
3.	Revision	23 Januari 2024			
4.	Discussion Section : use ijie new template	23 Mei 2024			
5.	Discussion Section: Revision With New Template	23 Mei 2024			
6.	Editor Decision : Accepted	29 Mei 2024			
7.	Editor Decision : Production	29 Mei 2024			
8.	Published	12 Agustus 2024			

1. Submission File (06 September 2023)



2. Editor Decision : Revision Required (18 Januari 2024)



Reviewer A:

I have read the article as titled above submitted to IJIE. I make the following points.

Overall

The author needs to make improvements according to what the reviewer said; this is useful for differentiating it from previous research, especially in the discussion section. for the causes of imperfections in welds, with the latest or previous journals

Title.

Determine the specific material for the low-carbon steel used in the research and change "low-carbon steel" to a more specific material.

Abstract

In the Abstract section, it is necessary to draw conclusions according to the research data in the paper; don't write them in general, so that they are more specific.

Keywords

The keyword low-carbon steel material is more specific.

Introduction par#2

Paragraph two needs to be paraphrased, especially the term flaw replaced with defect.

Introduction par#5

Tell us about the welding evaluation standards used, so that only one standard is used according to the one applied to your research.

Materials and Methods

Par#1: In tables 2 and 3, it is necessary to determine the swing technique used for each weld layer.

Par#2: In paragraph two of Figure 2, the preparation stages for the workpiece during welding are described.

Some grammatical errors should be addressed.

Results and discussion

If possible, add the journal that caused the root concavity defect with the latest journal addition to the previous journal regarding the causes of spatter defects

If possible, add the latest journal to cause a lack of fusion

Conclusion

Some gra	ammatical	errors,	i.e.	choice	of wrong	words,	need	rectifying.
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Recommendation: Revisions Required

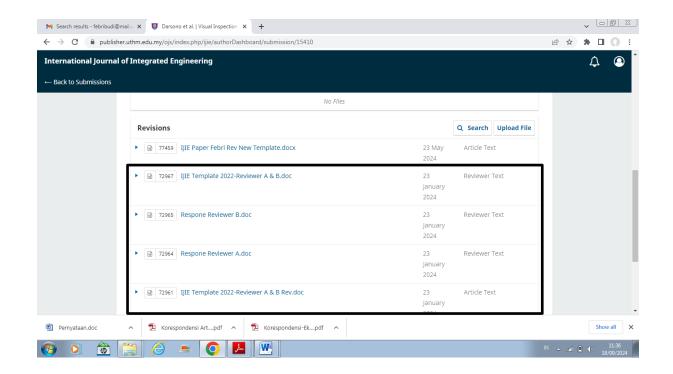
Reviewer B:

This research is very useful for the field of quality control in welding, especially welding structures on ships. I recommend several corrections and suggestions in the manuscript:

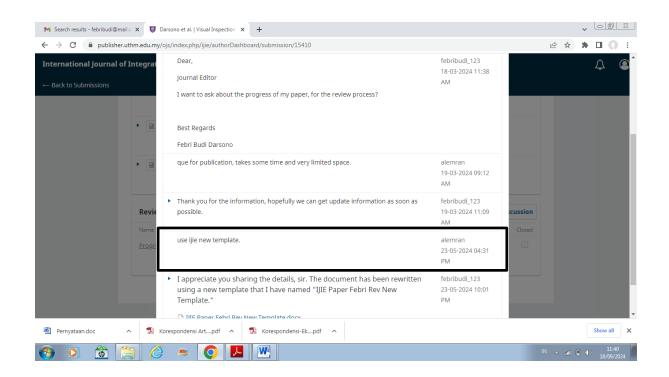
- 1. In the abstract section, it is necessary to adjust the conclusions that are more specific to the welding imperfections that occur. give an explanation for each abbreviation in the abstract
- 2. Add journals related to the use of GMAW welding for ship welding.
- 3. Add welding defects that often occur when welding structures on ships in the introduction so that they can support this research.
- 4. Replace the word flaw with imperfection in material and method.
- 5. Add more discussion on each finding and Add spatter causes with the latest or previous journal.
- 6. Add porosity causes with the latest or previous journal.
- 7. Replace the word internal flaws with internal imperfection in the results and discussion
- 8. Write in detail about the imperfections in figures 4 and 5.
- 9. Replace the word flaws with imperfection in the conclusion
- 10. In conclusion, the causes of imperfections or defects are adjusted according to the reviewer's suggestions to look at the causes in the latest or previous journals. Abstract and Conclusions need to be rewritten to be more meaningful

Recommendation: Revisions Required

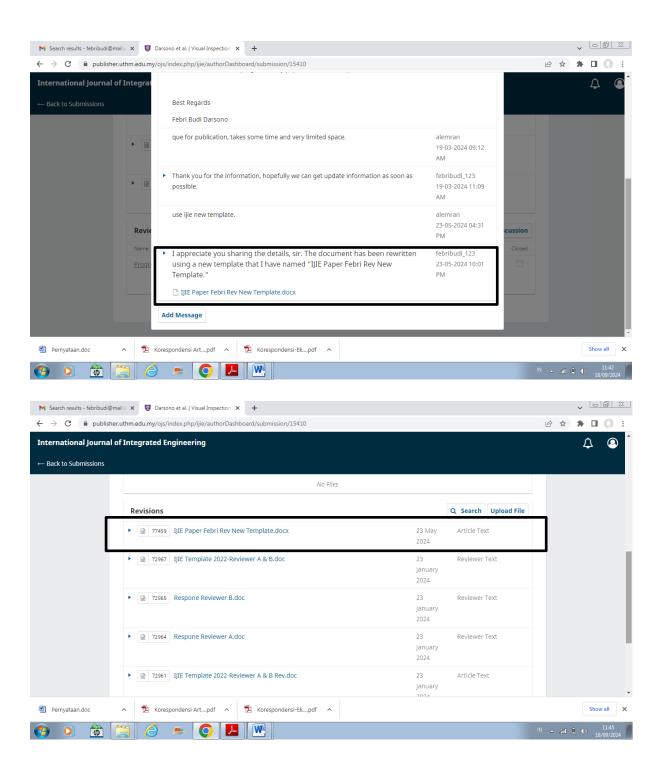
3. Revision : (23 Januari 2024)



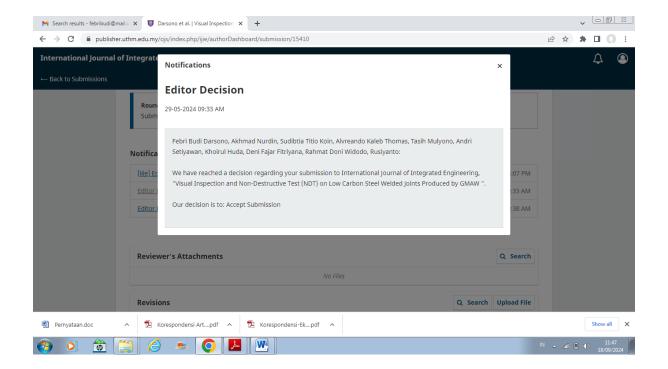
4. Discussion Section : use ijie new template (23 Mei 2024)



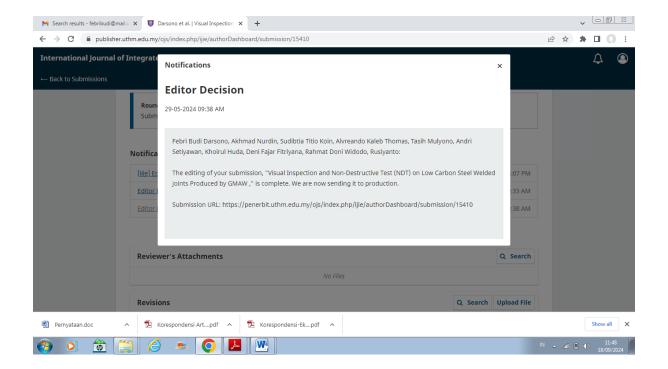
5. Discussion Section: Revision With New Template (23 Mei 2024)



6. Editor Decision: Accepted (29 Mei 2024)



7. Editor Decision : Production(29 Mei 2024)



8. Published (12 Agustus 2024)

