



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	2019/JERR/48766
Title of the Manuscript:	Design, Fabrication, and Performance Evaluation of a Domestic Gas Oven
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>Authors have addressed all of my comments for original submission except that they should modify the reaction scheme with O₂ + 3.76 N₂ instead of O₂ alone, since they are using air. The answer they have given is wrong. Even though N₂ can be treated as inert and O₂ only reacts with fuel, if air is used, then the number of moles of reactants and products are calculated using N₂ also. Similarly in heat calculations if the product temperature is higher than 298 K N₂ will contribute. Authors should see basic book on combustion and address this issue before the article is published.</p>	

Reviewer Details:

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