



**SDI FINAL EVALUATION FORM 1.1**

**PART 1:**

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
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:**

<b>FINAL EVALUATOR'S comments on revised paper (if any)</b>	<b>Authors' response to final evaluator's comments</b>
Authors have addressed all of my comments for original submission except that they should modify the reaction scheme with $O_2 + 3.76 N_2$ instead of $O_2$ alone, since they are using air. The answer they have given is wrong. Even though $N_2$ can be treated as inert and $O_2$ only reacts with fuel, if air is used, then the number of moles of reactants and products are calculated using $N_2$ also. Similarly in heat calculations if the product temperature is higher than 298 K $N_2$ will contribute. Authors should see basic book on combustion and address this issue before the article is published.	Thank you for the review. I have made some findings on combustion and I have appropriately adjusted the combustion equation, including Nitrogen where necessary. All corrections have been made.