SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	**Journal of Energy Research and Reviews**
Manuscript Number:	**2019/JENRR/48514**
Title of the Manuscript:	**Efficient thermal cycle undergoing adiabatic contraction based work by releasing heat**
Type of Article:	

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The original text of the article contained the statement that the described experiments violate the law of conservation of energy. The equations of the corrected paper in a few days show that the laws of physics are fulfilled. It follows that the theoretical part of the work is done without understanding the processes occurring in the experimental part of the work. The author has created a complex mechanism to increase the efficiency of heat engines. According to the measurements obtained, this mechanism can be used to obtain additional useful work. It means. that such installations can be widely used in energy production. However, the author must consistently and in detail prove the effectiveness of his mechanism. Description of the installation and its operation is described in the article schematically. The analysis is carried out on the scheme of one cycle of the installation. In fact, the operation of the installation contains several cycles that interact with each other. The calculation of the energy balance requires a thorough analysis of all the processes of the proposed installation. According to the article, the installation contains working cylinders, valves, heat exchangers, fans, generators. The interaction of all these mechanisms should be described in detail in the article. This is the only way to prove the effectiveness of the process described in the article. I wish the author to do this work successfully. In this case, its mechanism can be widely used in industry.	

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