



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2015_BJAST_16778
Title of the Manuscript:	Simulation and Comparison of the performance of refrigerant fluids in single stage vapour compression refrigeration system
Type of the Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Ammonia has been used as a refrigerant for over 150 years. Much is known by the readers about its properties, its benefits and its disadvantages. The main drawback of ammonia as a refrigerant is its high reactivity with copper material. Steel and aluminum alloys can be used with ammonia. The authors of this paper presented the same trends from the papers published 20 - 25 years back.	I thank the evaluator for his/her comments, additionally, the findings from the present study revealed that ,R134a, R290, R600a can also be used in operating vapour compression refrigeration system, without affecting the energy efficiency of the system thus helping to solve the ozone depletion potential (ODP) and global warming potential (GWP) problems regarding environmental issues.