



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_45154
Title of the Manuscript:	Degradative Effect of I.R radiations on the Constituents of Bitumen
Type of Article:	Short communications

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>It is still unclear to me how the results presented in this study compare with the results presented in the literature. For example, it would be interesting to know if IR radiation has a different effect on the molecular composition of bitumen than UV radiation. In addition, the details of the IR radiation procedure are still missing. This paper presents data only on one bitumen sample, so the results are very limited and cannot be generalized. The conclusion that IR radiation reduces the quality of bitumen is quite trivial; I could have predicted this without any measurements. Moreover, it is unclear to me how the molecular composition of bitumen and its quality are related; how do you know that decrease in the total number of polycyclic hydrocarbons reduces bitumen quality?</p>	

Reviewer Details:

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