SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	**Ms_CJAST_45505**
Title of the Manuscript:	**Oil Pipeline Leak Detection And Localization Using Wireless Sensor Networks**
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	**The work described in the paper is quite elementary and preliminary. State of the art of technology allows to implement monitoring networks using, by instance, LoRa platform which enables link range up to 10 Km and even more, thus reducing cost/complexity of the scheme.** **There is a complete lack of experimental evidences. In summary, the proposed solution is based on dated solutions, well below the capability and efficiency of more updated solutions like, those referenced by the authors and based on WSNs-** **The proposed solution basically consists in the integration of a commercial product, HK1100C, and an elementary microcontroller implementation.**	
Minor REVISION comments	Selecting a pressure sensor to monitor the flow is a very questionable ne, as it is intrusive and requires drilling and sealing operation. A much better choice could be acoustic emission, by instance, as featured by other authors.	
Optional/General comments	Literature reports solutions and approaches well beyond the authors' horizont.	

Reviewer Details:

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