



SDI Review Form 1.6

Journal Name:	<u>International Research Journal of Pure and Applied Chemistry</u>
Manuscript Number:	Ms_IRJPAC_20772
Title of the Manuscript:	Theoretical Study of the Efficiency of some Nitro Benzenamine Derivatives in Acidic Medium to serve as Excellent Organic Corrosion Inhibitors of Mild Steel
Type of the Article	Original Research 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>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	Density Functional Theory was applied to evaluate the efficiency of nitro benzenamine derivatives as corrosion inhibitors of mild steel in acidic medium. It would be perfect if some experiment results relating the corrosion efficiency of the nitro benzenamine derivatives were given to support the conclusions. There are some grammar errors, please look through the manuscript carefully.	DENSITY FUNCTIONAL THEORY WAS APPLIED TO EVALUATE THE EFFICIENCY OF THE DERIVATIVES AS INHIBITORS OF MILD STEEL IN ACIDIC MEDIUM. THE WORK IS A THEORETICAL CHEMISTRY WORK FOR NOW. IN THE NEAREST FUTURE, THE DERIVATIVES WILL BE SYNTHESIZED AND APPLIED TO SEE THE PRACTICAL EFFICIENCY.