

## Review Form 1.6

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
Manuscript Number:	Ms_JERR_84937
Title of the Manuscript:	Design of Lift Group Control Systems based on PLC
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:

(<https://www.journaljerr.com/index.php/JERR/editorial-policy> )

### 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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	The author proposed a lift group control system to improve robustness and efficiency, and simulated in this paper. The author used fuzzy approach in simulation. The author should explain in more detail about the defining on parameters for fuzzy system. To ensure the achievement of objective, the author should compare with some existing system clearly.	<p>We thank the reviewer very much for reviewing this article and pointing out this important part of the paper. We would like to draw the attention of the reviewer to section 4 of the manuscript.</p> <p>In this section, we talk about previously implemented methods and how they implement their own system. We also indicate how the present design allows for implementing additional parameters to optimize the lift system to create a robust but also well-zoned and adaptable system.</p> <p>In this section (from line 252 - We have separated the work contributions properly from previous work). This section defines the fuzzy system used, the fuzzy rules, membership functions and parameters which are later used for implementing the simulation done in Section 5. We have added a reference to the section 4 at the end of the first paragraph of section 5.</p> <p>Additionally, (in beginning of the fourth paragraph), we have added four more lines to mention the drawback of previous systems and how the work intends to compensate these limitations through a flexible design.</p>
<b>Optional/General</b> comments		

### PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	