

REVIEWER'S REPORT

Manuscript No.: IJAR-59270

Title: Risk-Based Inspection and Quality Control of Electrical Infrastructure.

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality			✓	
Clarity		✓		
Significance		✓		

Reviewer Id: JPR-274

Reviewer's Comment for Publication.

The manuscript presents a relevant and well-structured review of risk-based inspection and quality control for electrical infrastructure, with useful consideration of transformers, switchgear, cables, motors, protection systems, earthing, hazardous-area equipment, and industrial asset management. The integration of inspection, quality control, data governance, competency, and corrective-action processes provides practical value, particularly for Saudi industrial and oil and gas facilities. Minor revisions are recommended to improve the manuscript. The review methodology should be presented with clearer details regarding the literature-search and selection process. Tables and Figure 1 should be checked for formatting, clarity, and consistency. Some statements concerning Saudi-specific conditions and Vision 2030 alignment should be supported with appropriate references. The manuscript should also be carefully proofread for grammar, punctuation, and formatting issues. With these minor improvements, the manuscript can be considered suitable for publication.