

REVIEWER'S REPORT

Manuscript No.: IJAR-59388

Title: Digital Metrology Framework for Improving Quality Control in High-Voltage Substation and Transmission Line Projects in Saudi Arabia.

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's ID: JPR-118

Reviewer's Comment for Publication:

The manuscript presents a relevant and well-structured review of digital metrology and its application to quality control in high-voltage substations and transmission-line projects in Saudi Arabia. The integration of calibration, measurement uncertainty, UAV/LiDAR inspection, BIM, digital twins, and auditable quality evidence provides a useful and practical framework. The Saudi-specific implementation considerations also strengthen the significance of the work. However, minor revisions are recommended, including careful proofreading for grammar, punctuation, spacing, and consistency of technical terminology; improving the formatting and clarity of Figure 1 and other proposed framework elements; ensuring consistency between in-text citations and the reference list; and clarifying or supporting specific Saudi regulatory, technical, and environmental statements with appropriate references. Some lengthy paragraphs may also be shortened to improve readability. After these minor revisions, the manuscript will be suitable for publication.