

Peer Review

Review of: "Process for Implementing a Quality Management System (QMS) Adapted to Architectural Practices in Tunisia, in the Case of ISO 9001"

Josef Martin Diaz¹

1. Independent researcher

Research Objectives

The primary objectives of the paper are to:

- Emphasize the significance of ISO 9001 for architectural practices in Tunisia
- Examine how ISO 9001 can enhance service quality and customer satisfaction
- Provide a comprehensive guide for implementing ISO 9001-based QMS
- Compare ISO 9001 with alternative quality management approaches
- Discuss the benefits and challenges of QMS adoption in developing countries

1. Practical Focus and Applicability

The paper excels in its practical orientation, providing concrete guidance for architectural practitioners. The inclusion of specific tables outlining quality management steps (Table 1) and performance measurement formulas (Table 2) demonstrates a commitment to actionable content. The step-by-step approach to QMS implementation makes the paper valuable as a reference guide for practitioners.

2. Comparative Analysis

A notable strength is the comprehensive comparison of different quality management approaches. The paper examines:

- ISO 9001 (international standard)
- Planer am Bau (German industry-specific standard)
- French HQE standards (environmental integration)
- NF X 35-102 (ergonomic criteria for workspaces)

This comparative framework enables readers to understand the relative advantages and disadvantages of each approach, facilitating informed decision-making.

3. Contextual Relevance

The paper specifically addresses the Tunisian context, which is underrepresented in quality management literature. By focusing on developing country challenges, including resource constraints and administrative complexity, the author provides valuable insights for similar contexts globally. The discussion of how ISO 9001 can help Tunisian practices access international markets is particularly relevant.

4. Comprehensive Literature Integration

The paper draws upon a diverse range of sources, including academic literature, industry standards, and certification body documentation. References to works by Hoyle (2017), Krajcsak (2019), Tzelepis (2006), and others demonstrate engagement with established quality management scholarship.

Limited Critical Analysis

The paper tends to present ISO 9001 and quality management systems in a predominantly positive light. A more balanced critical analysis would have strengthened the work, including:

- More detailed discussion of implementation failures or challenges
- Critical examination of certification costs and return on investment
- Analysis of potential drawbacks or unintended consequences
- Discussion of situations where ISO 9001 may not be appropriate

For Practitioners

Despite its limitations, the paper offers valuable guidance for architectural practitioners considering ISO 9001 implementation:

- Use the paper as a starting point for understanding QMS principles
- Consult the referenced standards and certification bodies for detailed requirements
- Consider the comparative analysis when selecting an appropriate quality approach
- Conduct internal assessments before committing to certification
- Seek professional consultation for implementation planning

In conclusion, this paper serves as a practical introduction to ISO 9001 implementation for architectural practices in Tunisia and similar contexts. While it provides a solid foundation for understanding quality management systems, readers should supplement it with additional empirical research and professional consultation before making implementation decisions.

Declarations

Potential competing interests: No potential competing interests to declare.