

ABSTRAK

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Indonesia merupakan negara rawan bencana, sehingga evaluasi keandalan bangunan menjadi penting, khususnya di kawasan padat seperti Jakarta. Penelitian ini bertujuan menilai keandalan gedung PT. Alia Digital Printex Jakarta melalui observasi visual dan wawancara, mengacu pada instrumen Sertifikat Laik Fungsi (SLF). Analisis dilakukan pada aspek arsitektur, struktur, utilitas, dan aksesibilitas menggunakan metode deskriptif dengan sistem pembobotan. Hasil penelitian menunjukkan nilai arsitektur 92,39%, struktur 95,63%, utilitas 97,65%, dan aksesibilitas 89,90%, dengan total keandalan 93,89% (Kurang Andal). Rekomendasi perbaikan difokuskan pada aspek aksesibilitas agar meningkat ke kategori Andal.

Kata kunci: keandalan bangunan, evaluasi visual, SLF.

ABSTRACT

Indonesia is a disaster-prone country; therefore, evaluating building reliability is essential, particularly in densely populated areas such as Jakarta. This study aims to assess the reliability of the PT. Alia Digital Printex Jakarta building through visual observation and interviews, referring to the Building Worthiness Certificate (SLF) instrument. The analysis was carried out on architectural, structural, utility, and accessibility aspects using a descriptive method with a weighting system. The results show architectural reliability of 92.39%, structural 95.63%, utility 97.65%, and accessibility 89.90%, with a total reliability of 93.89% (Less Reliable). Improvement recommendations are focused on the accessibility aspect to increase the rating to the Reliable category.

Keywords: building reliability, SLF, visual evaluation.

