

ABSTRAK

AZHARI, NIM. 8216114007. Pengembangan Model Manajemen Sarana dan Prasarana Sekolah Berbasis Budaya Kerja Industri Kaizen 5S di SMK Negeri Kabupaten Bireuen. Disertasi. Program Pascasarjana Universitas Negeri Medan. Juni 2025.

Penelitian ini bertujuan untuk mengembangkan model manajemen sarana dan prasarana sekolah berbasis budaya kerja industri Kaizen 5S di SMK Negeri Kabupaten Bireuen, serta menguji kepraktisan dan keefektifannya dalam mendukung pengelolaan sarana dan prasarana secara optimal. Penelitian ini menggunakan metode research and development (R&D) dengan pendekatan model pengembangan Plomp yang meliputi fase investigasi awal, desain, realisasi, serta tes, evaluasi, dan revisi. Subjek penelitian terdiri atas 8 kepala sekolah, 30 wakil kepala sekolah, 21 kepala program keahlian, 28 kepala bengkel, 6 kepala tata usaha, dan 4 guru produktif. Produk yang dihasilkan meliputi: (1) buku model, (2) buku panduan implementasi model, dan (3) modul panduan implementasi model. Instrumen yang digunakan mencakup lembar validasi, observasi keterlaksanaan model, angket respons pengguna, dan tes evaluasi. Hasil penelitian menunjukkan bahwa: (1) model yang dikembangkan memenuhi kriteria valid dengan nilai rata-rata per aspek sebesar 4,57; (2) panduan implementasi model memenuhi kriteria valid dengan nilai rata-rata per aspek sebesar 4,62; (3) modul panduan implementasi model memenuhi kriteria valid dengan nilai rata-rata per aspek sebesar 4,63; (4) keterlaksanaan model memenuhi kriteria ketuntasan klasikal pada uji coba tahap I dan II; (5) respons peserta terhadap model mencapai 85,91% pada uji coba I dan 86,31% pada uji coba II, keduanya termasuk kategori sangat positif; dan (6) terdapat peningkatan kompetensi peserta melalui skor N-Gain sebesar 61,75% pada uji coba I dan 62,21% pada uji coba II, keduanya berada dalam kategori sedang. Secara keseluruhan, model manajemen sarana dan prasarana sekolah berbasis budaya kerja industri Kaizen 5S yang dikembangkan dinyatakan valid, praktis, dan cukup efektif dalam meningkatkan pengelolaan sarana dan prasarana di SMK.

Kata Kunci : *Manajemen Sarana Dan Prasarana Sekolah, Budaya Kerja Industri, Kaizen 5S, Stakeholders Sekolah.*

ABSTRACT

AZHARI, Student ID 8216114007. *Development of a School Facilities and Infrastructure Management Model Based on the Industrial Work Culture of Kaizen 5S in Vocational High Schools in Bireuen Regency. Dissertation. Postgraduate Program, Universitas Negeri Medan. Juner 2025.*

This study aims to develop a school facilities and infrastructure management model based on the industrial work culture of Kaizen 5S in public vocational high schools (SMK) in Bireuen Regency, and to examine its practicality and effectiveness in optimizing resource management. The research employed a research and development (R&D) approach using the Plomp development model, which consists of the preliminary investigation, design, realization, and test, evaluation, and revision phases. Participants included 8 principals, 30 vice principals, 21 heads of vocational programs, 28 workshop heads, 6 administrative heads, and 4 vocational teachers. The developed products include: (1) a model handbook, (2) an implementation guidebook, and (3) an implementation module. Research instruments comprised validation sheets, implementation observation sheets, user response questionnaires, and evaluation tests. The findings show that: (1) the model met validity criteria with an average score of 4.57; (2) the implementation guidebook was valid with an average score of 4.62; (3) the implementation module achieved an average validity score of 4.63; (4) the model met classical completeness criteria in both trial phases; (5) participant responses reached 85.91% in the first trial and 86.31% in the second trial, both considered very positive; and (6) there was an improvement in participants' competence, indicated by N-Gain scores of 61.75% in the first trial and 62.21% in the second trial—both categorized as moderate. In conclusion, the developed model of school facilities and infrastructure management based on the industrial work culture of Kaizen 5S is valid, practical, and moderately effective in improving resource management in vocational high schools.

Keywords: *School Facilities And Infrastructure Management, Industrial Work Culture, Kaizen 5S, School Stakeholders.*