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## **Relationship between Implementation of Safety Standards and Guidelines for Physical Infrastructure, and Student Safety in Public Mixed Boarding Secondary Schools In Nakuru County, Kenya**

The aim of the study was to find out the relationship between implementation of Safety Standards and Guidelines for Physical Infrastructure in public mixed boarding secondary schools in Nakuru County, Kenya. The study was guided by Invitational Theory by Purkey and Schmidt and Systems Theory by Von Bertalanffy. The target population comprised of 16 principals, 18 deputy principals and 2130 Form 4 students drawn from all 16 public mixed boarding secondary schools in Nakuru County, Kenya. The study adopted a descriptive survey design. The sample size comprised of 327 Form 4 students. A census approach was used whereby, all the 16 principals and 18 deputy principals were used for the study. The population of the study was clustered into 9 sub counties. Stratified sampling technique was used to categorize the population into three strata namely principals, deputy principals and Form 4 students. The principals and deputy principals were selected using purposive sampling technique, while the students were selected using simple random sampling technique. Data from students was collected by use of questionnaires, while that from principals and deputy principals was collected using interview schedules. The researcher also used observation checklist to determine the level of implementation of the selected Safety Standards Guidelines in the schools. Data analysis was done using tools in the SPSS version 22. Analysis involved computation of descriptive statistics: frequencies and percentages, and inferential statistics: Pearson Correlation and Regression coefficients. The data was then presented in tables and textually. The study established that implementation of Safety Standards and Guidelines for Physical Infrastructure does not have statistically significant relationship on student safety in public mixed boarding secondary schools in Nakuru County, Kenya.

Key words: Implementation, Safety Standards and Guidelines, Safety Standards and Guidelines for Physical Infrastructure, Student Safety.

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