



بسم الله الرحمن الرحيم

جامعة السودان للعلوم والتكنولوجيا



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Research Title:

**REGULATIONS OF CONSTRUCTION SAFETY AND HEALTH IN
CONSTRUCTION OF RESIDENTIAL COMPLEX (Case study
Alawdaa Residential Complex)**

**ضوابط السلامة و الصحة في تشييد المجمعات السكنية (دراسة حالة مجمع
العودة السكني)**

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قال تعالى: (وَأَنْفِقُوا فِي سَبِيلِ اللَّهِ وَلَا تُلْقُوا بِأَيْدِيكُمْ إِلَى التَّهْلُكَةِ
وَأَحْسِنُوا إِنَّ اللَّهَ يُحِبُّ الْمُحْسِنِينَ 195)

صدق الله العظيم

Abstract

Researchers had agreed that construction industry one of the most hazardous industries worldwide due to its unique nature. The environment of the construction industry is risky which make it very essential to pay more attention to improve the construction safety and health at workplace. Few studies had been conducted in construction safety and health performance in Sudan. However, no study yet had been published about residential complex to identify the safety and health performance among companies and authorities. The objectives of this study are to analyze the performance of construction companies and govern authority, identify the factors affecting on the construction safety and health performance, and to improve the safety and health of construction companies and authorities.

مستخلص البحث

اتفق الباحثون على أن مجال صناعة التشييد من أخطر الصناعات في العالم نسبة لطبيعتها الفريدة. بيئة العمل في صناعة التشييد خطيرة مما يجعل من الأهمية أخذ الاحتياطات لتطوير الصحة و السلامة المهنية في مواقع العمل. بعض الدراسات التي أجريت في السودان عن الصحة و السلامة المهنية في مجال صناعة التشييد لكن لا توجد دراسات حول أداء الشركات و الجهات المسؤولة لإجراءات السلامة في تشييد المجمعات السكنية.

الهدف من البحث هو تحليل و تقييم أداء شركات التشييد و الجهات الاستشارية, تحديد العوامل التي تؤثر على أداء اجراءات الامن و السلامة في التشييد و تطوير مفهوم الامن و السلامة لدى شركات التشييد و الجهات المسؤولة.

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