

**CENTRE OF STUDIES FOR QUANTITY
SURVEYING FACULTY OF ARCHITECTURE,
PLANNING & SURVEYING UNIVERSITI
TEKNOLOGI MARA CAWANGAN SARAWAK**

**THE CHALLENGES OF EMERGENCY
ACTION PLAN (EAP) IMPLEMENTATION IN
CONSTRUCTIONPROJECT**

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fulfilment of the requirement for the
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PREPARED BY: NUR NAIZATUL ASYEKIN BINTI

MUSTAFA (2019606556)

SEMESTER: 7

ABSTRACT

Emergency Action plan is well-known as a written document needed by certain Occupational Safety and Health Organization (OSHA) rules. An EAP's role is to enable and facilitate employer and employee actions during emergencies at their workplace and to be prepared during emergency. Well-developed emergency action plans and thorough training, which to workers understand their roles and duties within the plan will result in fewer and less severe employee injuries, as well as less structural damage to the facility during emergencies. A sloppy strategy will often result in a disorganized evacuate or emergency response, miscommunications, injuries, and property destruction. Other than that, the problem arise from lack of awareness towards EAP can cause problem such as risk and natural disaster and increases the number of fatal. Thus, this research aimed to attempt the ascertain the challenges and strategies of Emergency Action Plan (EAP). There are objectives that helps to achieve the aim which are to identify the element of EAP in construction project, to identify the challenges of implementation of EAP in construction project and to recommend the strategies in implementing EAP in construction project. A quantitative research method is used and questionnaire as the data collection tool to achieve this objective of the research and the data was analyzed by SPSS software. There are 36 respondents who answered the questionnaire that has been distributed to contractors' grade 7 in Kelantan. The result of the research study shows that the contractor agrees with Planning process as it has the highest level of challenges and highest suggestion strategy to be recommend is appoint skilled and knowledgeable safety manager at construction site

**Keywords: Emergency Action Plan, element, challenges, strategy,
construction industry**

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A handwritten signature in black ink, appearing to read 'Najatul', is positioned above a horizontal line.

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CHAPTER 1

1.0 INTRODUCTION

This chapter provides the background of the research and the overview of the overall framework of the dissertation. It describes the research process that includes research problem, objective of the research, research methodology adopted, significant of the research and the scope of research being investigated.

1.1 RESEARCH BACKGROUND

According to the Occupational Safety and Health Administration (OSHA) Field Operation Manual (2016) an Emergency Action Plan (EAP) is intended to guide employer and employee actions, such as evacuation, during workplace emergencies. When there isn't an on-site fire department, these plans are frequently used. An EAP must include, at a minimum, means of reporting fires or other emergencies, evacuation procedures, including exit route, procedures for employees who remain to operate critical operations before evacuation, procedures to account for all employees after evacuation, procedures to be followed by employees performing rescue or medical duties, and the name or job title of every employee who may be affected. The employers with 11 or more employees must also prepare a documented emergency response plan together with emergency action plan according to Occupational Safety and Health Administration (OSHA). OSHA requires companies to provide an EAP to employees even if they have ten or less employees.

A fire or other emergency must be reported, and evacuation procedure, including departure route allocations, must be communicated in an EAP. Employees who must continue to run vital activities before being evacuated must follow certain procedures. Procedures for locating and accounting for all personnel following an evacuation employee conducting rescue or medical activities must follow these