



**UNIVERSITY TEKNOLOGI MARA**

**COVID-19: BEST PRACTICES ON STANDARD  
OPERATING PROCEDURE (SOP) IMPLEMENTATION  
AT CONSTRUCTION SITES.**

**WAN AMNI AIZAH BINTI MEGAT ABDULLAH**

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## **ABSTRACT**

Phenomena Covid-19 in Malaysia was happened in December 2019 until now 2021, and the construction industry has to stop immediately because of the Movement Control Order (MCO) in 2020. After MCO 1.0 for 6 month, construction started operation with the best practices standards operating procedure (SOPs) at construction site. The Standard operating standard (SOPs) one of methods has been used at construction sites, the problems is where construction site do not followed the SOPs. Construction site also has to doesn't operational as usual because of the virus corona. In this research, research do some of research about the best practices at construction in Malaysia, which half of construction has followed the SOPs at their workplaces but also have construction site doesn't followed the best practice SOPs at construction. During the MCO, construction economy was decrease within in Malaysia and oversea, but researchers focuses on Malaysia industry. In this researches, researches also provided the best practices that has been used at construction site such the several type of best practices Standard Operating Procedure (SOPS) at construction. For example, wearing make, sanitizing, wearing Personal protective equipment (PPE) and etc. Mostly of construction site using the same procedures that has been established from Construction Industry Development Board (CIDB), the occupational Safety and health Act (OSHA), Majlis Keselamatan Negara (MKN) and etc. The result also revealed that expert of construction site followed the guideline during MCO/ Covid-19. In the research, researcher will focused on the best practices SOPs at construction. Researcher also will recommend the best practices to ensure the construction industry are followed SOPs guideline.

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# CHAPTER 1

## INTRODUCTION

### 1.1

In December 2019, the biggest phenomena in Asia were happened which is pandemic Covid-19 (Novel Coronavirus Disease 2019) and the virus has been reported by WHO (World Health Organization) China, that unknowns-virus in Wuhan, the city in Eastern China. The Covid-19 cases increased was rapidly in Malaysia at March 2020, the first movement control order (MCO) total lockdown was imposed nationwide by the government. Resulting in immediately close of school, and universities, including construction site. During MCO 2020, activities construction has to stop immediately because of the virus, not in Malaysia but also overseas. After 6 month, KKM Malaysia released 2<sup>nd</sup> Movement Control Order (MCO), and have a guideline/best practices of SOP to continue your activities as usual included construction works. But, the pandemic situation give effect to the country such as education, agriculture, tourism, construction sites and other.

During covid-19, Infrastructure Minister, Dato' Sri Haji Fadhillah Yusuf said in The Straits Times (2020), Malaysia's construction industry suffered RM18.5 billion in losses during the first three phases of the country's lockdown to curb the spread of the coronavirus. Coronavirus (covid-19) is one virus that makes it impossible for everybody to do their job, because the virus has increased and people can easily to get virus. This research will focus on the best practice standard operating procedures (SOP) at construction site.

Construction site means the process that sets up a portable plant, bring materials to the site and on completion of the work moves the plant away, leaving its output standing. Many parties are involved the process such as owner, architect, contractor, subcontractors, materials and equipment suppliers and also worker. (Hyari, 2005). The government provides workers at the construction site with some of the standard operating procedures (SOP) guidelines/best practices during coronavirus pandemic covid-19. The report "SBEC start strength succeed" defined an SOP is a procedure specific to your operation that describes the activities necessary