

## **ABSTRACT**

**KHARISMADILLA MINDARIATIE AKBAR. CHARACTERISTICS OF CONSTRUCTION WORKER'S BEHAVIOR TOWARDS OCCUPATIONAL HEALTH AND SAFETY (HSE) ON THE CONSTRUCTION OF HIGH BUILDING (CASE STUDY: HOTEL GRAND CLARION PROJECT WITH ASTRA TOWER PROJECT).** Essay. Jakarta: Educational Program Building Engineering, Department of Civil Engineering, Faculty of Engineering, State of University Jakarta. 2017. Thesis Adviser: Adhi Purnomo, MT and Winoto Hadi, MT.

*This study aims to find out the characteristics of construction worker's behavior towards occupational health and safety on the construction of high building. The research was conducted at Hotel Grand Clarion project with Astra Tower project on October 2016 until January 2017.*

*This research method using qualitative descriptive analysis. The population in this study as many as overall of construction workers at two projects, where this research held. Total number of sample were 60 construction workers using Simple Random Sampling as sampling technique. The research instrument used was the observation to take the actual behavior of construction workers, interview to find out about the application of SMK3 at research sites, and a questionnaire to determine construction worker's knowledge and assessment towards HSE with the number of the questions as much as 33 grains.*

*Based on the results, at Hotel Grand Clarion project the implemented of HSE just 70% in accordance with the rules they using. While Astra Tower project already implemented 100% of HSE in accordance with the rules they using. For knowledge of HSE aspect, 63,33% construction workers of Hotel Grand Clarion project have a high category and 43,33% construction workers of Astra Tower have a high category. Meanwhile the attitude of construction workers at Hotel Grand Clarion project was so not good towards HSE when they worked and construction workers at Astra Tower project showed a very good attitude towards HSE when they worked, although they just have a low category of HSE's knowledge. It can be concluded that construction workers at Hotel Grand Clarion project not showed a good attitude towards HSE, although they have a high category on knowledge of HSE because the implemented of HSE on this project still lacking. Meanwhile, construction workers at Astra Tower project showed a really good attitude towards HSE, although they have a low category on knowledge of HSE because the implemented of HSE on this project already good.*

*Keywords: Behavior's characteristics, Occupational health and safety (HSE).*