

**DESIGNING THE HEAD PROTECTION SUPPLY
(IN CASE STUDY USE IN CONSTRUCTION BUILDING IN
TANGERANG CITY)**

ABSTRACT

The purpose of this final report is to make the civil workers or carpenters in the home site to be more disciplined to use safety tools, minimize injury to civilian workers, to innovate existing products so that workers are better protected from the outside as well as in the body, and making safety tools a trend and a need for civilian workers. The data collection was done by library technique, taking the accident data in the project area, taking the project workers survey photos, and interviewing the resource persons who were one of the project workers and then analyzed.

From the results of these studies proved that the workers need the development of a more comfortable and more protective helmet design. Needs are needed because of the work environment conditions that dangerous level is very high. With additional features such as visor, air circulation, flashlight, earplugs make workers more protected and can reduce the rate of work accidents.

Keywords: helmet design, working environment conditions, and additional features