

ABSTRACT

Demonstrations are common to Indonesian people because they are a symbol of freedom of expression in this country. Demonstrations have been very frequent in Indonesia and almost every day in various parts of Indonesia. Demonstrations will certainly cause some problems, especially when riots occur during demonstrations. With the riots occurring at a demonstration, of course there were parties involved, one of which was the PMI officer who evacuated the riot victims. The PMI officer on duty did not have the proper equipment to deal with the riot situation. The solution that will be given in this research is in the form of designing face masks and head protector from the danger of tear gas. The design method used in this study is the comparison method. Based on the issues raised, the face and head shields to be designed must function as protectors from tear gas without reducing the user's view.

Keywords: Riots, PMI, Tear gas mask