

## Abstract

PT. Kalimantan Prima Persada (PT. KPP) is an integrated mining services company which is located in South Borneo precisely in Desa Lokbuntar, Kecamatan Kintap, Kabupaten Tanah Laut. The mining activities included in PT. KPP are drilling, blasting, loading, and hauling.

In doing those mining activities, there are so many accidents happened. The emergence of unsafe working condition begins with the area of the field which is dangerous, the act of unsafe working, and the act of ignoring the safety. Those conditions often cause many accidents and can ultimately lead to loss of life.

The areas which often get accidents take place in the mine area, and hauling road. Those two areas are the most prone areas since the unsafe condition which is condition of the roads are narrowed, not congested, the bend which is sharp. Meanwhile, the act of unsafe working which is often happened is the ignorance of the employees to use personal protective equipment and the carelessness of the employees in doing their work.

There were 33 mining work accidents in 2010-2013. In 2010, there were 1 case of *major accident* and 3 cases of *minor accident*. In 2011, there were 7 cases of *minor accident*. In 2012, there were 2 cases of *major accident* and 7 cases of *minor accident*, and In 2013, there were 1 case of *major accident* and 12 cases of *minor accident*. Based on accident statistic, the highest FR of mining accident at PT. Kalimantan prima Persada was happen in 2013 with FR= 5,12, meanwhile the highest SR was happen in 2012 as 44,11.

The problem solving of the workplace health and safety in PT. Kalimantan Prima Persada should be:

1. The improvement on the unsafe area and the unsafe working act in order to minimize the risk of workplace health and safety.
2. Coaching and training skills for the employees which are appropriate to their field work.
3. Giving a warning or penalty to the employees who violate the rules which have been assigned by the company.
4. Providing the personal protective equip and socialization of the use of personal protective equipment and providing a medical check-up for the employees routinely.
5. Assigning and performing the SOP.