

# HSE BULLETIN

HEALTH . SAFETY . ENVIRONMENT



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## “OCCUPATIONAL SAFETY AT MINING AREAS”

### What does it mean by Mining Safety?

It comprises of all activities related to occupational health and safety management as well as mining operational safety management.

#### Mining Safety Regulations:

1. Decree of Director General of MINERBA No 185.k/37.04/DJB/2019
2. Regulation of ESDM Minister No. 38 of 2014

### Why Should We Be Concerned?

Based on accident data analysis at the technical meeting of all *Kepala Teknik Tambang* (Chief Mine Technical Inspectors) across Indonesia, work-related accidents in 2019 mostly occurred among:

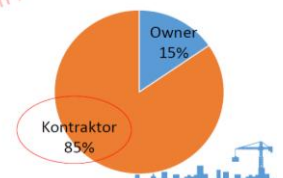
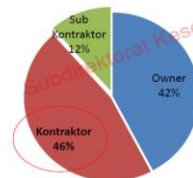
1. Contractors with a percentage of 85%.
2. Workers under 3 year-experience with a percentage of 62% and the average causes are not adhering to the prevailing procedure and conducting unsafe acts during working.

#### Analisa Kecelakaan Tambang

Berdasarkan Perusahaan Korban

2018

2019

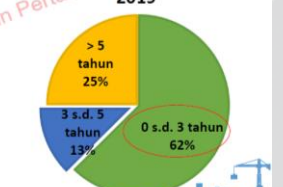
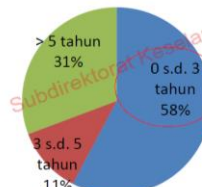


#### Analisa Kecelakaan Tambang

Berdasarkan Kerja Korban

2018

2019



## What Impacts Could Happen ?

1. Work-related accidents.  
Type of accidents mostly occurred in 2019 is buried in soil or coal material.
2. Damaged asset.
3. Occupational diseases.

## What To Do For Safe Working at Mining Areas ?

Among others:

### a. Risk Management

Tribhakti Inspektama has "Risk Base Thinking" document as the foundation to minimize work-related accidents. It contains work-related hazards, risk assessment and control of the work to perform.

### b. OHS Education and Training

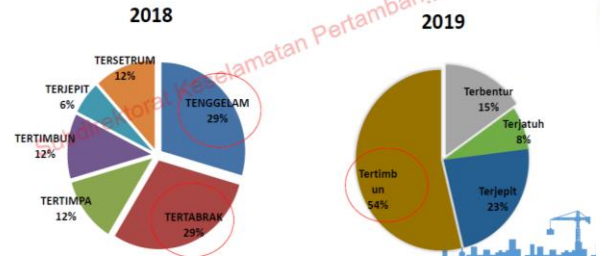
Tribhakti Inspektama provides its employees assigned to work at the mining areas with regular OHS Education and Training, such as :

- Fire Drill.
- Introduction to Hazardous and Toxic Material & Waste.
- Introduction to Organic and Non-Organic Waste.
- Job Safety Environmental Analysis (JSEA) – Monthly Introduction and Refreshment Training for the Team to obtain comprehensive understanding of hazards at work areas, especially at mining areas.

### c. Regular Inspection

- Internal Inspection.
- Tribhakti Inspektama also actively

### Analisa Kecelakaan Tambang Berdasarkan Jenis Kecelakaan



Joint Inspection by Owner and Contractor of PT Kutai Energi, Project 2019

participate in joint inspection by owner and contractor for direct supervision and discussion in the field regarding any hazards at the mining areas and how to handle them jointly.

#### d. OHS Meeting with the relevant parties at the mine area

Tribhakti Inspektama also actively participate in joint meeting attended by site owner, management (*KTT & PJO*) and contractors as means of communication and commitment to OHS by emphasizing the importance of supervision against those working in the field so as minimize the hazards.



#### e. Regular OHS Campaign / General Safety Talk

- Internal briefing.
- Actively participating in routine OHS-related meetings involving all divisions at the mining areas.



### **Work Safely at Mining Areas**

1. Prepare for the required administration papers, such as: **Mine Permit** (for Sampler & Surveyor) and **SIMPER** (for Driver).
2. Understand and adhere to Safety Induction delivered by HSE Team on site.
3. Ensure the vehicle used and its accessories have fulfilled the specified OHS requirements.
4. Always use radio communication with the appropriate channel frequency to communicate with other workers and know the current conditions of the area
5. Pay attention to the mine area surrounding signs.
6. Work as per the recognized Work Instruction and Job Safety Environmental Analysis (JSEA).

7. Use the appropriate Personal Protective Equipment (PPE) for the work being performed.
8. Inform other team(s) and authorized personnel at the mine of any unsafe conditions potentially leading to accidents.
9. Always say prayers before commencing work.

## SUGGESTIONS

1. Always identify the risks and dangers of both the area and the work carried out and how to control and prevent it, especially for new areas and types of work.
2. Conduct work safety monitoring and evaluation regularly.
3. Perform routine supervision of the team in the field to avoid unsafe acts and conditions.
4. Avoid the use of vehicles that have not passed the feasibility test to be operated in the mining area
5. Conduct OHS briefing for the team prior to leaving for job site and prior to commencing work.
6. Remind other team(s) when found performing unsafe acts.
7. Our safety and security shall start from ourselves as individuals.

### Sources:

1. **Decree of Director General of MINERBA No 185.k/37.04/DJB/2019** regarding Technical Guidance for the Implementation of Mining Safety and Reporting as well as Evaluation of Coal and Mineral Mining Safety Management System.
2. **Regulation of ESDM Minister No. 38 of 2014** regarding Implementation of Coal and Mineral Mining Safety Management System.
3. **ESDM Regulation No. 26 of 2018** Regarding the Implementation of Good Mining Practices and Supervision of Coal and Mineral Mining Activities.
4. **Decision of ESDM Minister No. 1827 of 2018** Regarding Implementation Guidance for Good Mining Practices.
5. **Material at Mine Safety Evaluation Meeting of all Kepala Teknik Tambang across Indonesia**, August 2019.
6. **Material at Mine Operations Safety Meeting**, August 2019.