

# ELAM THENDRAL. A

## EHS Engineer

#101,2nd cross Kaveri Layout

Kodigehalli-Krpuram Bengaluru, Karnataka- 560036

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### CAREER OBJECTIVE

Detail-oriented EHS officer seeking employment opportunity at the well reputed organization to continue successful career in elevating and maintaining standards of environmental and work safety through use of exceptional planning and organizational skills with proven ability to implement successful workplace plans to deliver compliance with all local, state, and federal laws.

### Experience (6 years)

**Alstom Systems Private Limited India (2.8 years)**  
**EHS Officer (EDFC, DFCCIL Project)**  
**Agra- Uttar Pradesh**

**Jul '18- Current**

- **Strong ability in identifying the risk and the risk assessment, HIRA**, weekly reporting in GPI, weekly inspections, monthly inspections.
- Reporting of noncompliance, deviations, **unsafe methods, unsafe acts, near miss & PSE's** according to **Alstom Zero Deviation Policy**.
- Reporting first aid, near miss in EHS application
- Performed regular **mock drills, refreshment trainings, assisting site supervisor & site in-charge** for understanding PTW maintaining them regularly.
- Maintaining **life-saving rules for High Risk Assessment activity**.
- Maintaining safety in Rail vehicle movement for **masterection, mastgrouting**, OHE foundation.
- Identified best practices and led continuous improvement initiatives to reduce work-process risks.
- **Performed safety audits** and inspected facilities, machinery, and safety equipment to identify and correct potential issues.
- Conducted and coordinated worker training in areas such as **monitoring hazardous equipment and using safety equipment**.
- Responsible for all **emergency procedures and emergency response plans**.
- Conducted **inspections of occupational incidents, injuries, and property damage for safety review compliance**.
- **Assisted in making all safety policies and enforcing the employees/ Labors**.
- Organized safety meetings and proper information are given to all employees as per OSHA requirements.
- Developed and **facilitated Zero defects** training module for 250 employees resulting in process ownership, increased productivity, overall improvement in safety and product quality.
- **Deep knowledge of EH&S performance measurement systems**, tracking, implementation, and progress reporting. **Safety leadership experience on the site**.
- **Experience as a SAFETY LEAD**, managed and supervised around 60 employees by training with the strong knowledge of safety regulations: OSHA, lockout/tagout, machine guarding, hazard communications, accident investigation, and training methods. Had given the **responsibility for multiple sites**.
- Promote action plans to continuously improve staff, workforce and contractors' commitments towards a **zero-accident culture. (5%)**.
- Maintained **safety in civil constructions** like station building, staff quarters, **IMSD & IMSD1, ALH, RH, TSS**.
- Maintained **safe working in the vicinity of the 25kv OHE line**.
- Experience in **successful loading/charged 25kv OHE line**, Traction substation, sectioning and paralleling post, sub sectioning and paralleling post with high safety precautions.
- Initiated **immediate stoppage of any operation** that could cause **death/injury or extensive damage** to property.
- Promoted behavior safety, **ensured to provide proper shed and danger/warning board for open electrical work**.
- Provided training in the use of extinguisher for electrician specially those for electrical fire.
- Conducted **electrical safety trainings** for operators, workers, engineers **working in the proximity of the OHE lines of 25kv**.  
Conducted **regular inspections of Fire Protection Equipment** to assure its proper placement and operational.

**Ceeyen Stone Crusher  
Mine Manager (Safety)  
Kasargod District, Kerala**

**Jun' 16 - May' 17**

- Skilled in managing a **safety department in a mining** and other high speed production industrial environment. **Thorough knowledge of MSHA regulations.**
- Administered, directed and managed compliance with the company safety.
- Initiated, performed and documented jobsite inspections and audits with special **emphasis on hazard recognition.**
- Coordinated and controlled the **development and review of job hazard analysis** for each major phase of work to ascertain its safe completion.
- Reviewed and **ensured accident reports are completed and forwarded to Director of HR Health & Safety.**
- **Trained all staff regarding safety measures** to ensure a competency-based approach.
- **Identified site risks and requirements around safety behavior.**
- Successfully **increased safety performance of open site operations.** Changed the safety culture of the Employees to buy into a safety and health management system **TRIR (Total Recordable Injury Rate) reduced from 13 to 0.82 in 24 months.**
- Coordinated **all mine designs, including Standards, development, Scheduling, Drill & Blast,** and short- and long- term planning.
- Implemented control systems to **ensure adherence to QA/QC standards.**
- Implemented Risk Analysis into design and managed the schedule and costs of the project.

**Hindustan Zinc Limited (Kayad Mine)  
Mining Engineer  
Ajmer, Rajasthan**

**Jun'15 – May'16**

- Experienced **working on mining projects,** focusing on **detailed design, site investigation, reporting and business development.**
- Assisted in preparation of documents for Environmental Impact assessments & **Environmental Management Plan for activities connected to Mining industries.**
- **Air Quality monitoring and air quality standards & Meteorological parameters** measuring the wind speed and direction, temperature and relative humidity.
- Provided the **Health & Sanitation** and **maintained the welfare amenities** like arranging shelters, drinking water facility, canteen, transportation, PPE' sand cleanliness to the employees.
- Taken necessary precautions to **prevent falls form work at height** and materials form bench, proper planning and supervision of work.
- Maintaining the statutory requirement of mining according to the mines act & regulation by maintaining the **records like minor accident, registers of employees,** must roll daily attendances, notices & returns.
- **Supervision of machineries like crusher plants, drilling machine, air-compressor etc.**
- Taken all **safety precautions while blasting, safety in deep excavation** and working with heavy earth moving equipment's like **Excavators, Tippers, Dumper,** etc., that were being carried out at mine.
- Assisting in **designing of traffic outs, maintaining of it and traffic control,** providing the parking area for the dumpers, taken care of battery storage, use, disposal and recharging etc.
- Conducted safety **trainings for Employees and conducting regular inspections** on machineries in crusher plant, workshops, & Machine Guarding.
- Specialty **experience in ventilation, hoisting or material handling.**
- Experience in **Drill and Blast Design.**
- Demonstrated **experience in Underground Mining.**
- Specialty experience in **ventilation, hoisting or material handling**

**Rathna Mineral Enterprises  
Graduate Engineer Trainee  
Andhra Pradesh**

**April '14 - Jun'15**

- Trained to create the **development plans for new mining areas.**
- Participated in **Mining Health & Safety Administration (MSHA) inspections,** providing inspectors with appropriate documents and identifying safety measures.
- Audited visitor logs and assured contractor's on-site are on the master contractor list.
- **Proactively managed health & safety of employees** to continuously improve the environmental, health and safety regulations.
- Ensured **necessary records are maintained at each site** and prepared according to established guidelines.
- Demonstrated **leadership capability with team facilitation skills.**
- Managed the short-term plan and identifying and developing opportunities within the Mine.
- Understood and developed **mitigation strategies to risks identified** through the pre-planning phase as

- well as in response to the previous month's compliance.
- Monitoring and **communicating the critical time functions or constraints** of the plan to mine operations and Mine planning.
- Understanding the **optimization methods and tools used in defining the optimum mining sequence**.
- Excellent safety focus and **experience working onsite in a large open pit**.

## Trainings

### UNDERGONE TRAINING IN UNDERGROUND MINING:

- Training for 15 days Hutti gold mines company Limited, Hutti-584115, Raichur, Karnataka. India.
- Training for 10 days in sail refractory company Limited (Mines group vocational training institute) Salem - 636005. Tamil Nadu.
- Professionally trained in Rail-Vehicle movement- Alstom India
- Professionally trained in safe working at the high tension OHE lines of 25KV.

### UNDERGONE CERTIFICATE COURSE:

- Certified **SECOND CLASS MANAGER'S CERTIFICATION OF COMPETENCY** from Directorate general of mines safety Govt of India.
- Certified **Senior Professional for first-aid examination** from St. John's ambulance (India) Indian Red Cross society- New delhi-110001.
- Certified **Gas- testing examination from Directorate general of mines safety**. Bangalore region southern zone (under ministry of labor and employment), Govt of India.

## EDUCATION QUALIFICATION

### Post-GRADUATION (Diploma in Industrial Safety Management)

- 1-year full time PG degree in industrial safety Management (Graduated 2018) with first class.
- College – International institute of Industrial Safety Management (IIISM), Bengaluru Karnataka.
- University- Visvesvaraya Technological University –Belgaum.

### UNDER GRADUATION (BACHELOR OF ENGINEERING)

- Four years full time bachelor's degree in mining engineering (Graduated 2012) with first class.
- College - Dr.T. Thimmaiah Institute of Technology K.G.F -563120 Karnataka.
- University- Visvesvaraya Technological University –Belgaum.

### PUC (PRE-UNIVERSITY COLLEGE)

- 2 Years full time Pre –University course (Completed in 2006)
- Board- Karnataka P U board Bangalore.Karnataka.
- College - Sri Bhagawan Mahaveer Jain Pre- University Education Karnataka K.G.F -563122.
- SSLC (SECONDARY SCHOOL LEAVING CERTIFICATE with first class
- Board- SSLC board of Karnataka, Bangalore- Karnataka.
- School- St. Mary's Boy's high school Andersonpet K.G.F 563115.

### COMPUTER PROFICIENCY

- Basics of Computers, MS office- MS word, MS PowerPoint & Internet surfing.
- XP, WINDOWS 7, WINDOWS 8. WINDOWS 8.
- MS Office (Word, Excel, Outlook, PowerPoint, OneNote, Access).
- Google Drive (Docs, Sheets, Slides, Forms).
- Spread sheets (Excel, Google Sheets, OpenOffice Calc). such as: pivot tables, macros, sensitivity tables, vertical lookups.
- Email (mail merge, filters, folders, rules).
- Presentations/Slideshows (PowerPoint, Google Slides, OpenOffice Impress, Tableau).

## SKILLS

- Highly developed verbal and written communication skills and an ability to work with management.
- Ability to be work independently with minimal supervision.
- Developing, always enforcing and promoting the use of a safe and efficient work practices.

- Strong knowledge of accepted mine engineering principles and practices, mining methods, and equipment.
- Strong judgment and decisiveness; bias for action.
- Possessing good potential to communicate and cooperate with supervisors and co-workers
- Strongly committed to safety.
- Attention to Detail, Teamwork, Responsibility, ability to work under pressure.

### Areas of Expertise

#### General Areas:

- OSHA Policy- OSHA Standards.
- Mining safety Management (Both open and underground Mine)/ Electrical safety Management.
- Principles and Practices of Hazard Identification, Evaluation and Control - Responsibilities in advising and leading employees on various safety Principles of Hazard Control.
- Accident Investigation and Analysis.

#### Technical Areas:

- Fall Hazard Control
- Machine Guarding
- Trenching and Excavation
- Backup Alarms
- Forklift Truck Safety
- Scaffold Safety
- Conveyor Safety
- Falls from Mid and Large Size Trucks
- Expertise working around the vicinity of the 25kv OHE lines

### PROJECT WORK / INDUSTRIAL VISITS/ ACHIEVEMENTS

- Post-graduation (IISM PG) project on Safety and health in stone crushing industry- as a team representative
- Graduation (BE Mining) project on Monitoring and controlling of blast vibration in Hutti Gold Mines.
- Industrial visit: Visited NDT unit at Kalpakkam Nuclear power plant.
- Industrial visit: Visited Singareni collieries company limited, Andra Pradesh.
- Achievement: Represented academic for NRDC's innovative India Organized at IIS Bengaluru for a UAV project.

### PERSONNEL DETAILS

NAME : ELAM THENDRAL A  
 GENDER : MALE  
 DATE OF BIRTH : 15/06/1988  
 MARITAL STATUS : UN-MARRIED  
 FATHER'S NAME : ANTHONY CRUZE  
 NATIONALITY : INDIAN

### LANGUAGES KNOWN

ENGLISH : READ SPEAK AND WRITE  
 HINDI : READ SPEAK AND WRITE  
 KANNADA : READ SPEAK AND WRITE  
 TAMIL : SPEAK AND READ  
 TELUGU : SPEAK

### DECLARATION

I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above-mentioned particulars."

PLACE: BENGALURU

DATE:

( ELAM THENDRAL)



