Health, Safety and Environment In Project construction





Beliefs & Commitment



Every accident, and therefore every injury, is preventable

we embed that philosophy into every PLL project through a loss prevention approach, redefining incidents, systematic evaluation, implementation and review.

Every employee has stop-work authority

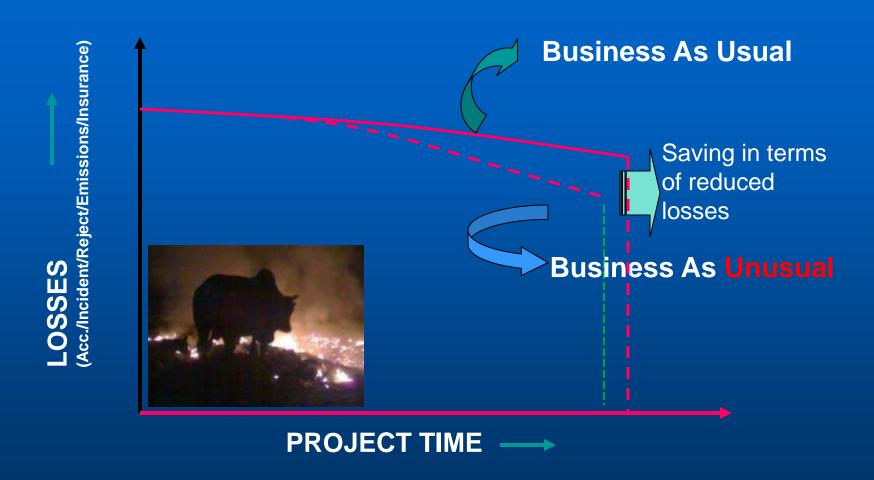
If it's not safe, don't do it. We also ask our subcontractors and partners to adopt our HSE Policy commitment to safety and health. The result is exceptional safety performance, even in hazardous work environments, severe weather, and remote locations.

Reinforcing Positive Behavior

Sr. Management demonstrating their HSE commitment and reinforcing positive behavior by following observation & Intervention process. Plan site visits, observe, engage & follow up.



Loss Prevention Approach





Policies















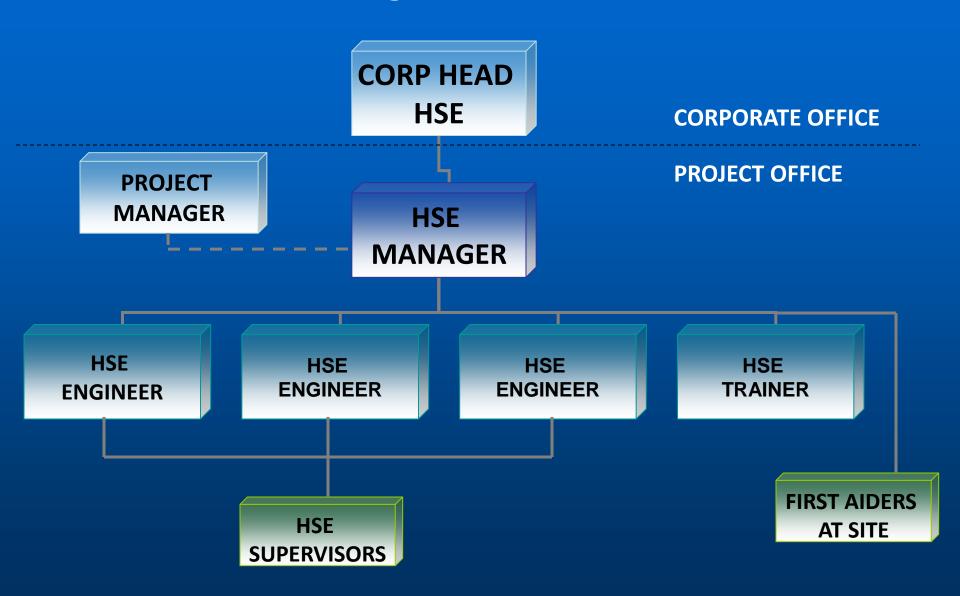
Accreditation



- OHSAS 18001:2007
 Occupational Health & Safety
- ISO 14001:2004
 Environmental Management
- ISO 9001:2008 Quality Management

Project HSE Organization (TYP)







HSE Management System – Objectives

- Zero recordable injuries and environment incidents.
- Reduce risk as low as reasonably practicable
- Comply with applicable legal requirements, AERB, BOCW act, Environmental regulations & Project HSE requirements
- 100% incident recording and reporting.
- 100% adherence of usage of appropriate PPE's at work







Key HSE Management System



- Strong Leadership & Commitment to HSE
- Policy & Strategic Objectives
- Legal compliance
- Organization, Responsibilities & Resources
- Risk, Aspect & impact identification, Evaluation & Management
- Planning, Standards, Procedures & Training
- Implementation & Monitoring
- Reporting of Incidents
- Audit and Review
- Management Review

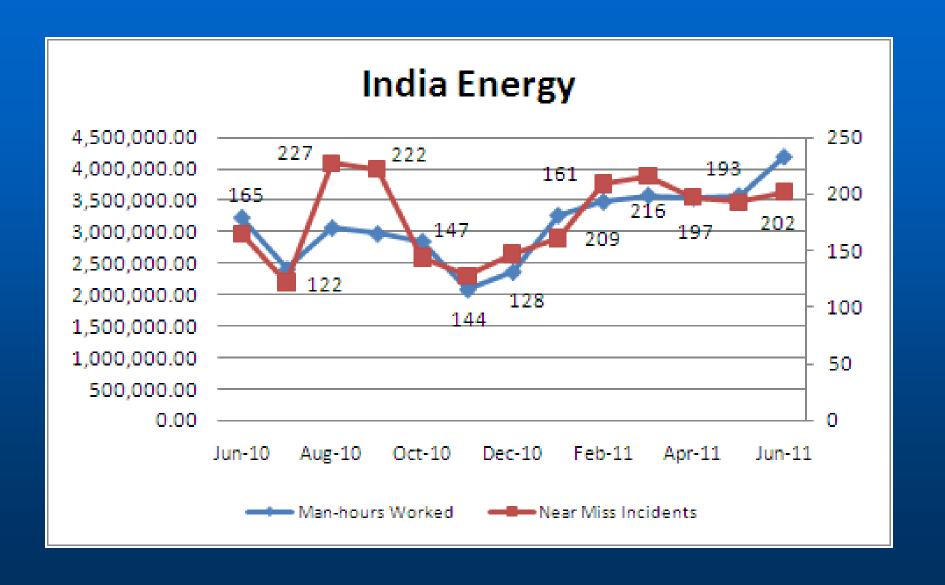
Near Miss Incident Program - Initiative



- No punishment policy to get rid of fear
- Making every incident as a "Learning Experience" not a failure or fault of individual
- Re-defining near miss incidents
- Incident Reporting Process familiarization with expectations
- Structured process for validating, analyzing, prioritizing, and tracking identified Near Miss incidents
- Feedback mechanism "who participate in the process"
- Sharing lessons learned and significant actions taken
- Understanding power of recognition to reinforce positive behavior

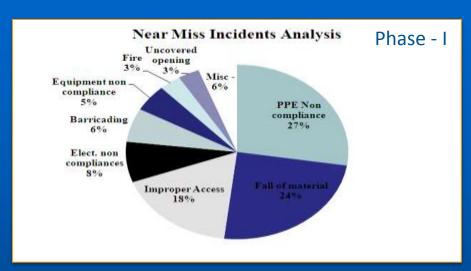
Punj Lloyd

Case study on Near Miss Incident

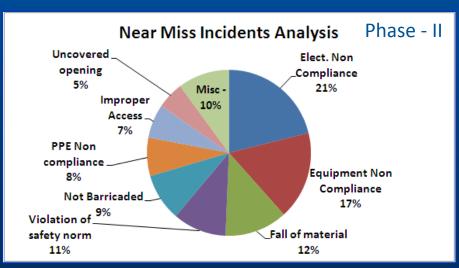




Analysis & Action plan



Results after Phase - I



Actions taken – Phase I

- HSE performance review in monthly CEO Review Meeting
- Scaffolder's certification by recognized third-party
- Audio visual training on fall protection
- Standardization of PPE's

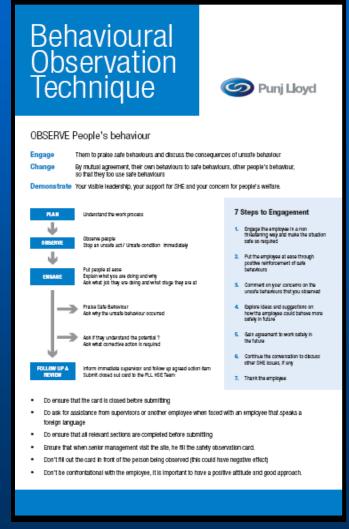
On going actions – Phase II

- Training & certification of Electrician
- Focused campaigns on electrical safety
- Certification and inspection of hired and subcontracted equipments
- Electrical and Construction Equipment safety compliance focus area during HSE Internal Audits.



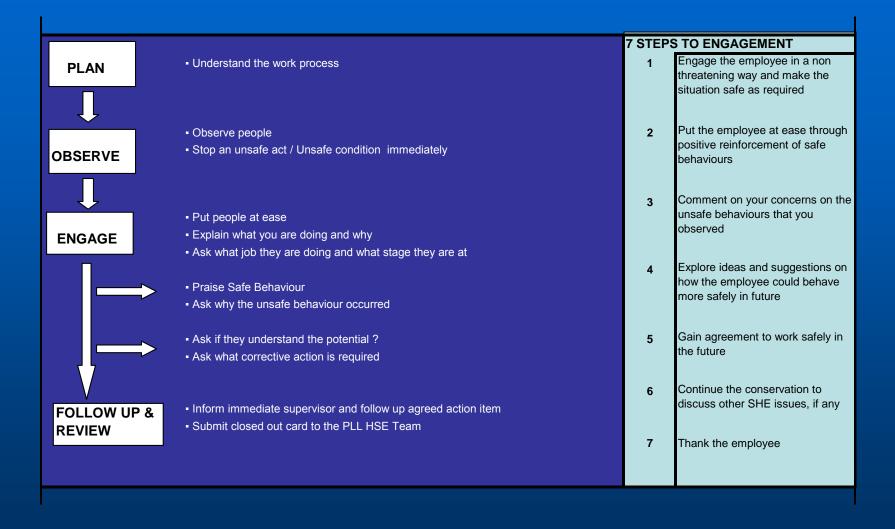
Reinforcing positive behavior by Top Management







Reinforcing positive behavior contd..





HSE Challenges in Construction

- Hazardous work environment due to tough terrain, severe weather, and remote locations
- Illiterate labour or at best semi literate
- Lack of availability of trade competency
- Limited certified bodies/system for trade competency development
- Dearth of Qualified and competent HSE professionals
- Lack of authorized infrastructure and facilities to meet HSE legal requirements
- Lack of environmental awareness

Power of recognition















Power of recognition











Smile safety card

Name :

Designation:

Date / Time :

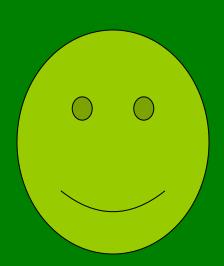
Location :

What went well :

How an accident /

Incident was prevented:

Remarks :



Signature of the Supervisor;



Cry safety card

Name :

Designation

Date / Time :

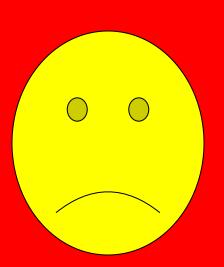
Location:

What went wrong :

How near miss accident /

Incident happened :

Remarks :



Signature of the Supervisor;



HSE recognition / reprimands

- Smile Safety card:
 - Three smile cards = 1 Award
 - Highest smile card in category = Best of the category
 - Eligibility = All workmen including sub contractor
 - Time frame = Monthly

Cry Safety card:

- Three cry cards = Penalty as per the list
- Eligibility = All workmen including sub contractor
- Time frame = Monthly



Project facilities



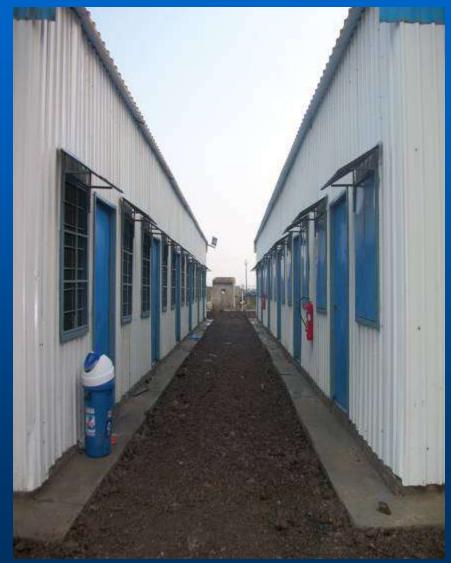
Standard office at Projects





Workers Accommodation Camp







Project Site – Standard Workmen Accommodation









Health care -Malarial prevention at camp





Emergency and regular health services for employees at site



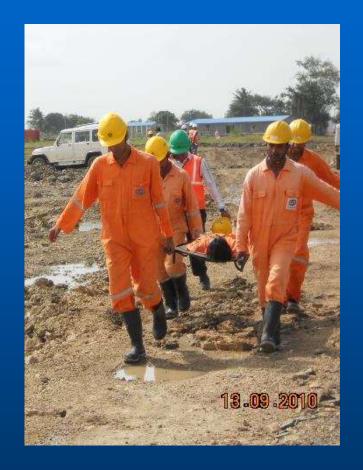




Awareness & Motivation



Mock Drill conducted at Project







HSE Training





World Aids Day Awareness at Project









World Environment Day Celebration at Projects

























HSE Awareness on National Safety day











•HEALTH SAFETY & ENVIRONMENT





Prize distribution at Paradip LSTK Project Site





Tree Plantation at DVPL -II & MUPL

•HEALTH SAFETY & ENVIRONMENT



Quiz Competition at Bhogat Tankage
Project



Prabhat Phery On Environment Day At

DIL Chandrapur Site



Awareness Program at Dahej Linde Project



Flag Hoisting Ceremony at GVK Site

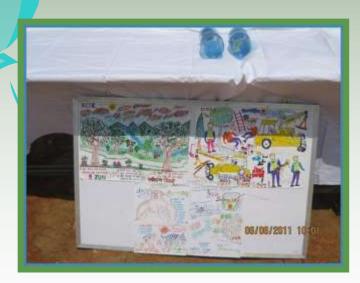








Tree Plantation at DBPL Project



Drawing Competition held at Paradip INDMAX Site



Tree Plantation at Ennore







Questions & Answers



