

SAFETY--- RAISING THE BAR

MARCH 21, 2015

SAFETY MANAGEMENT

- LEADERSHIP
- DESIGN
- RISK MANAGEMENT
- EMPLOYEE COMPETENCY
- RESPONSIBILITY AND ACCOUNTABILITY
- IMPLEMENTATION AND MONITORING

SAFETY MANAGEMENT---LEADERSHIP

- Management must be committed
- Communicate to all project staff that Safety overrides Quality, Schedule and Cost
- Plan Safety into Project
- Leadership by Example
 - Role Model
 - Attend monthly Safety Meetings
- Independence of Safety organization

SAFETY MANAGEMENT---*LEADERSHIP*

- Empowerment
- Implement Safety as a VALUE
- Allocate Resources
- Promote Zero Accident philosophy
 - Zero Accident Teams
 - All accidents are preventable

SAFETY MANAGEMENT---*DESIGN*

- SAFETY BY DESIGN
 - Develop processes and procedures
- INCORPORATE IN ENGINEERING
- INCORPORATE IN CONSTRUCTION
- SELECTION OF SUBCONTRACTORS AND THEIR MANAGEMENT

SAFETY MANAGEMENT---

RISK MANAGEMENT

- Proactive in which risks are identified
- Risk and Hazard Analysis
- Mitigating Risks
- Communicating Risk
 - Daily tool box meetings
- Emergency Planning

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EMPLOYEE COMPETENCY

- Develop Courses
- Continuous Training
- Rewards and Recognition
- Drills
- Create Competition amongst teams

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RESPONSIBILITY/ACCOUNTABILITY

- Ownership
- Safety is the responsibility of all
- Can stop work due to unsafe conditions without fear of retribution
- Unsafe conditions are corrected promptly
- Accountable for unsafe incidents

SAFETY MANAGEMENT

IMPLEMENTATION/MONITORING

- Regular inspections of site, equipment and tools/tackles
- Monitor and Report on personnel and Contractor Performance
- Ensure implementation of processes and procedures
- Root Cause Analysis
 - Serious Accidents
 - Near Miss incidents
- Honest Reporting
- Ensure findings are communicated to all

VALUE OF SAFETY

AS COST CONTROLLING MEASURE

- Hidden costs of an accident are much higher than the actual cost of claim. Hidden costs include employee replacement costs, regulatory penalties, increased insurance, damaged property etc.
- Loss of productivity due to unsafe working conditions, like poor housekeeping, improper scaffolding,
- Minimizes property damage due to fire hazards, etc.
- Good safety record will reduce insurance premiums
- Schedule risks are mitigated

OTHERS

- REGULATORY COMPLIANCE
 - INDIA
 - BUILDINGS AND CONSTRUCTION ACT
 - FACTORIES ACT
 - USA
 - OSHA
- HEALTH & HYGIENE
- ENVIRONMENT