

**SMARTER WAY TO FACE  
CHALLENGES WHILE MANAGING  
SAFETY  
INVOLVING MULTIPLE CONTRACTORS**

**BHASKAR CHAKRABORTY**

▶ SUSTAIN

▶ ACCIDENT

▶ FREE

▶ ENVIRONMENT

▶ THROUGH-OUT THE

▶ YEAR



- ▶ **Safety**
- ▶ **Management**
- ▶ **Administration**
- ▶ **Reporting &**
- ▶ **Tracking**



# PRINCIPAL CHALLENGES

IN CONSTRUCTION SAFETY ARE

TO PREVENT / PROTECT

**LOSS OF HUMAN LIFE / HUMAN INJURIES**

**ECONOMIC LOSSES**

**PROTECTING ENVIRONMENT**



PERCEPTION OF **CHALLENGES** NEED TO BE CLEAR

“Construction sector is the second largest employer next to agriculture but next to road incidents in India, etc.”

WHAT HAVE WE DONE ?  
WHAT ARE WE DOING ?



WHAT IS OUR **INTENTION** –

**PURPOSE** / SHOWING INTEREST OR EAGER ATTENTION / **DETERMINED TO DO**

## CHALLENGES TO OWNER

- ▶ **Socio-cultural interference**  
(detailed interaction /debate / co-ordination required)
- ▶ **Conformance with company policy**  
(objectives of Owner need to be adhered to)
- ▶ **Principal Intent**  
(progress of work at the cost of safety?)
- ▶ **Implementing strategies / systems / procedures**  
(establishing Safety Mgmt. System / PPEs issue / replacement)
- ▶ **Tracking & Review**  
(surveillance, Assessment, Continuous engagement)
- ▶ **Appreciation & Penalization**  
(Fame & Shame to run together)

## CHALLENGES TO CONTRACTOR

1. **Engagement in business**  
(no sleeping partner business)
2. **Fulfilling hidden Obligations of contracts**  
(adhering to Technical Specifications & sequence of activities)
3. **Arranging & Fine-tuning resources / capital**  
(internal review / re-adjustment of laborers)
4. **Implementing Loss Prevention systems**  
(improved Supervision, inclusion of EXPATRIATE specialist, PPE replacement, etc.)
5. **Adjustment with changing scenario**  
(involving cost & time impacts / timely payment)
6. **Political & socio-economic interference**  
(avoiding conflicts with regard to engagement in work)
7. **Prioritizing Safety**  
(Health & Safety to override production / progress)
8. **Competency development**  
(Tempted to engage below par skilled persons in the name of urgency)
9. **Obliging ambiguous verbal instructions**  
(self introspection with regard to effective communication)
10. **Conflicting issues deferred for resolution**  
(resolving conflicts then & there, avoid losses of all types)

**MISTAKEN PERCEPTIONS WHICH ARE GENUINE CHALLENGE FOR EFFICIENT SAFETY IN CONSTRUCTION -**

- 1. DISPLAY "SAFETY FIRST" POSTER, THEREAFTER, "WE WOULD MANAGE SAFETY PEOPLE" ATTITUDE**
- 2. WORKMEN ONLY COMMIT UNSAFE TASK - SUPERVISOR, ENGINEER & MANAGER NEVER TO BLAME**
- 3. IF SAFETY PERSON DOESN'T TAKE RESPONSIBILITY OF ACCIDENT, WHY THEN IS HE / SHE EMPLOYED !**
- 4. LINE MANAGER & SUPERVISOR ARE NOT RESPONSIBLE FOR INCIDENTS – THEY HAVE LOTS OF JOB TO DO.**
- 5. "SAFETY TRAINING" CAUSES WASTE OF TIME – IT'S NOTHING BUT LUXURY!**
- 6. SOMEONE HAS TO FACE THE "RISK" FOR CARRYING-OUT 'RISKY JOBS' IN CONSTRUCTION WORK.**
- 7. HANDLING OF MATERIALS OUGHT TO BE A COMMON SENSE OF WORKMEN – WHY TO SPEND TIME FOR TRAINING !**
- 8. MANDATORY TRAINING FOR WORK AT HEIGHT / WORK IN CONFINED SPACE / MATERIAL HANDLING ARE ALL JOKES!**
- 9. FAILURES IN HIGH PRESSURE TESTING / PNEUMATIC TESTING ARE ALL EVENTUAL !**
- 10. CLEANING OF DEEP TRENCHES / VATS / UNDERGROUND PITS, ETC. WITHOUT ANY RISK ASSESSMENT / PRECAUTION**
- 11. INTERFERENCE WITH PLANT COMMISSIONING ACTIVITIES**



**THOSE WHO**  
**FAIL TO PLAN,**  
**ALWAYS PLAN TO FAIL**

HENCE PLAN **H S E**

**SAFETY** cannot be **FREE OF**  
**CHARGE** (commodity)

PLEASE PRIORITIZE **H S E**

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Amalgamate SAFETY with managing process of Construction of Project by implementing

## CONTRACTOR'S SAFETY MANAGEMENT



## DUPONT SYSTEM OF CSM

**CONTRACTOR'S SELECTION  
CONTRACT PREPARATION  
CONTRACT AWARD  
ORIENTATION & TRAINING  
MANAGING THE WORK  
PERIODIC EVALUATION**

## TAKE HOME LESSON -

- ❖ Owner & Contractor are the two hands for clapping a PROJECT.
- ❖ Don't consider SUCCESS = Work Fast + Safety, but SAFE WORK from the beginning and till end.
- ❖ Involve "Safety" right from the contract award stage
- ❖ Prioritize "Safety" in the process of Construction – not after meeting with Accident.
- ❖ Un-registered / non-validated of workmen on any JOB is an OFFENCE.
- ❖ Provide information to people via "SAFETY Training", prior to perform.
- ❖ Implement, monitor / review and modify Safety practices in regular interval
- ❖ Appreciate & encourage Safe way of work
- ❖ *LET US CHANGE OUR ATTITUDE*

LET SAFETY BE OUR CLOSE FRIEND AND ACCIDENT AS OUR FOE

**THANK YOU**

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