

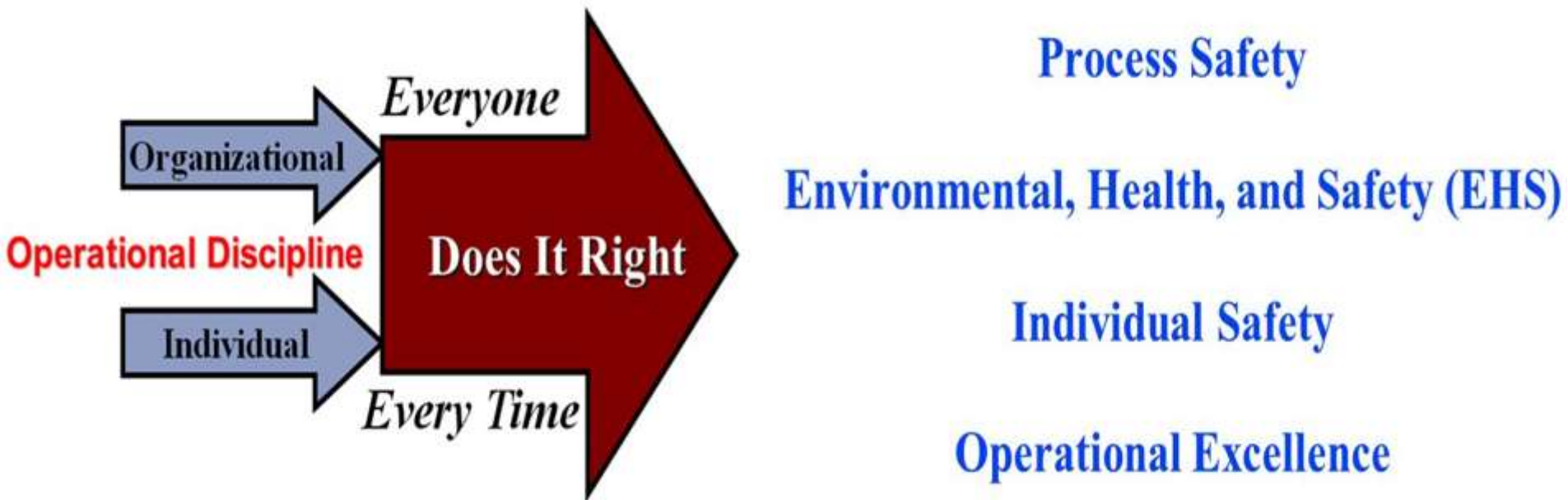
Operational Discipline and Initiatives taken in Battery.



PRESENTED TO COB#11 OPERATIONS MANPOWER
– OCT 2020

Operational discipline:

Deeply rooted dedication and commitment by **every member** of the organisation to carry out the **right tasks, right way, each time.**



Wrong practices and its effect:

- Wrong practices pose threat to all working personnel.
- Battery health will be affected.

A typical 7m tall battery costs Thousand Crores. Expected life of Battery is **30 years**.

Wrong practices can bring down the life and cause frequent repairs.

- Wrong practices, in long run, create more financial impact.
- Wastage of manpower, machine and materials.
- Health of working personnel will be affected too.

1. Moving car after opening door and keeping door open for long time.

WHAT WAS THE RESULT? : Unwanted Heavy coke fall due to coke coming in contact with air and machine movement vibrations.

WHY IS IT UNDESIRE? :

- 1. Safety Issue**
- 2. Damage To Chain Conveyor And Service Platform**

WHAT TO DO ?: Under normal conditions, pusher car/guide car should not be moved after opening door, and door should be opened only after clearance.

Machine is moved after opening door



Coke fall on chain conveyor



2. Excess air blasting in charging car.

WHAT WAS THE RESULT? : Unwanted coal spillage in charging car platform and coal tower area, due to coal coming out of hopper after hopper is full.

WHY IS IT UNDESIRE? :

1. Wastage of manpower
2. Safety Issue

WHAT TO DO ?: a) Minimal air blasting to be done.

b) Regular checking of hopper nets to be done.

c) Vibrators may be used as per the laid down procedure.

Coal spillage in charging car platform



Coal spillage in charging car platform



CLEAN CHARGING CAR IS OUR AIM



CLEAN COAL TOWER IS OUR AIM



3. Complete levelling and Complete charging.

WHAT WAS THE RESULT? : Less coal means less coke output, less gas generation. Incomplete levelling means more pressurized oven, more gassing.

WHY IS IT UNDESIRE? :

- 1. Damage To Ovens As High Free Space Temperature.**
- 2. Resistance To Pushing If Levelling Is Not Complete.**
- 3. Less Production With Same Effort.**

WHAT TO DO ?: a) Complete levelling to be done.
b) Complete charging to be done as per the laid down procedures.

NEW INITIATIVES

- Radar Positioning in Charging Car by Electrical Section
- To reduce coal spillage vibrators are fixed in each charging car bunker to avoid frequent jamming of net by Maintenance team
- Modified Number Plate in Charging car track
- Spillage Coke Bunker changed.
- Modified Air Blasting in Charging Car
- Renovation of Operator Cabins
- Housekeeping – a regular phenomenon

Certificate for COB#11 Collective



स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
इस्को इस्पात संयंत्र
IISCO STEEL PLANT



Certificate of Honour

This is to certify that **COB # 11 (CO-CC DEPARTMENT)**
participated in **HOUSE KEEPING COMPETITION - 2020** organised by SAFETY ENGG. DEPARTMENT and
CISF/FW, held on 06/10/2020 and 07/10/2020 at ISP, Burnpur had the honour of securing ^{2nd} prize.

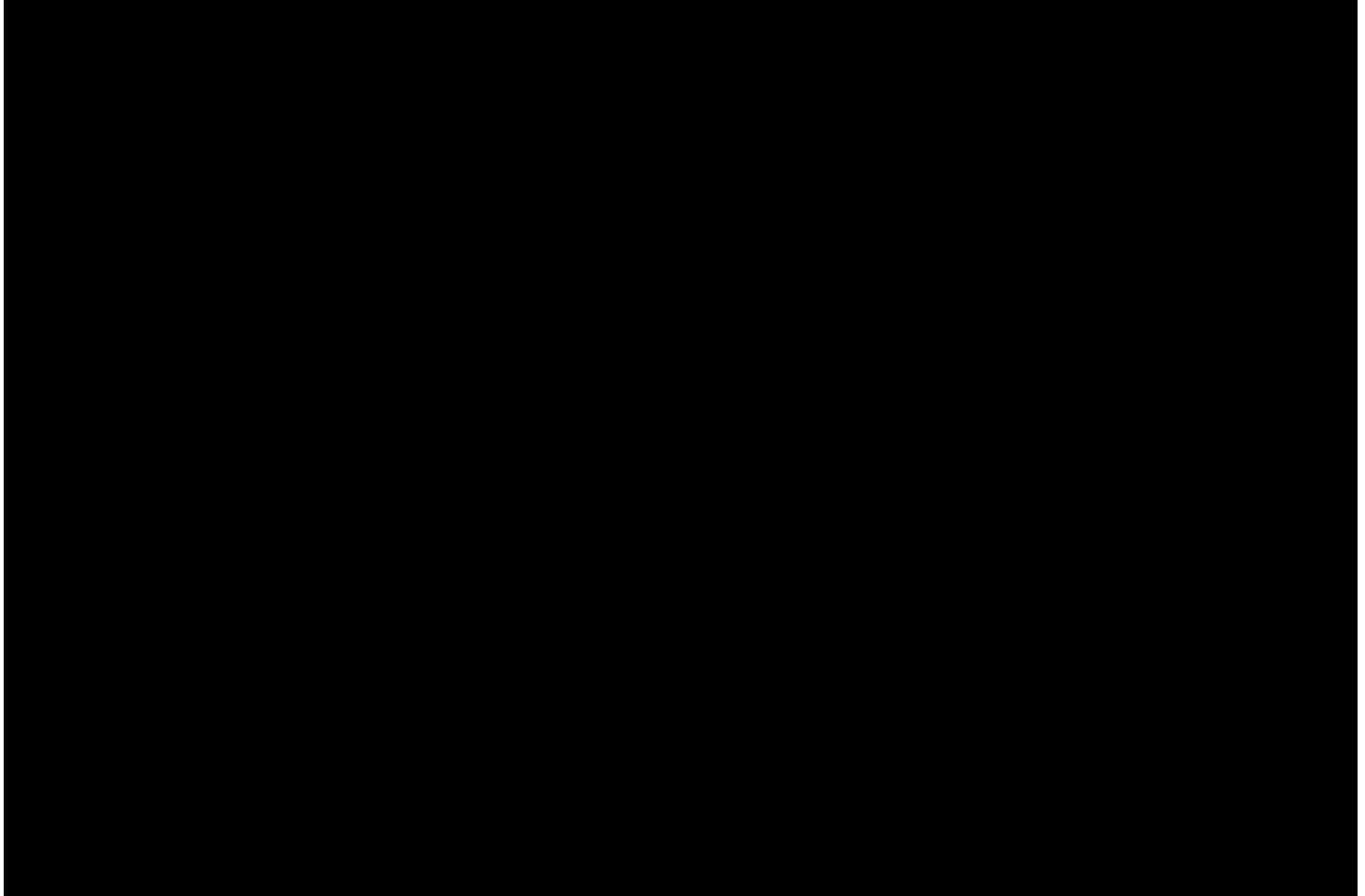
Co To Nid


Executive Director (Works)



Both charging cars - air blasting can be done, **from inside cabin**, while monitoring coal level.

New air blasting system in operation



A photograph of a large, dark-colored industrial hopper. The top of the hopper is covered with a metal grate. A blue electric vibrator motor is mounted on the side of the hopper. The background shows a corrugated metal wall.

Both charging cars are fitted with vibrators in all 3 hoppers.

Only to be operated at start of high speed for 5-6 sec. , when in need. No need to operate in every oven.

New Number plates for charging car center



Coke spillage bunker is changed



Machine operators cabin painting – in progress.



Machine operators cabin painting – in progress.



CORONAVIRUS PREVENTION



**WASH YOUR HANDS
AT LEAST 20 SECONDS**



USE SOAP



WEAR MASK



AVOID CROWDS



AVOID HANDSHAKE



DISINFECT CONTACT ELEMENTS

Tsunami of COVID-19 Infections after Durga Pooja

- COVID 19 cases increased very high after Onam festivals in Kerala.
- It is suspected that, in Durga Pooja also, it may repeat in West Bengal.
- Doctors are very much worried about this, and have requested to take care during Pooja Seasons.

Preventions during Pooja

- Don't go to far away Pandals, where there is unknown crowd.
- If required, go to nearby Pandal during lean period.
- Don't use Public transport in this period.
- Wear mask always and ask others too.
- Don't buy in peak hours.
- Please use door delivery method as far as possible



Thank
You!!