



Case Study

Observing & Evolving Digitally through Online Hazard Hunt System

Location: Hazira

“Monitoring and Evaluation have always been at the core of LTHE’s HSE processes. We have put in a plethora of efforts into identifying potential hazards as well reporting safety related incidences that have occurred at the workplace. In our digital venture, we have developed an Online Hazard Hunt System, forming an entry system to enter findings observed during the Hazard Hunt. The Hazard Hunt is a system our HSE specialists have developed to observe and analyse existent hazards in the workplace.

The Online Hazard Hunt System helps us in protecting our workers and to take necessary actions to avoid HSE related incidents. “

Our Baseline

At LTHE, we are aware that one of the root causes for injuries, illnesses and incidents at the workplace is due to failure in identifying, recognizing and anticipating existing workplace hazards. Our combined approach of proactive and reactive HSE monitoring forms a critical element of our HSE incidence prevention processes, helping us identify and assess hazards continually. Initially, we had introduced a Hazard Hunt System at our fabrication yards

where our HSE specialists evaluated the sites based on OHS parameters. Identified hazards from such evaluations were rated on a scale of 1 to 5, based on the severity level of the hazards. Information on the observed hazards were communicated to the responsible personnel so that precautionary measures could be put in place for the same.

Our Challenge

Even though the Hazard Hunt System was effective in identifying workplace hazards, since the system was based on word templates, the following issues were observed



Tracking addressal
of concerns



Updating status
of concerns



Analysing
Safety Statistics



Identifying focus areas
for implementation
measures



Time
consuming



Our Approach

We developed our digital HSE venture- the Online Hazard Hunt system wherein observations from the Hazard Hunt were entered digitally, with relevant photographs.

1

HSE observations made across project sites through Hazard Hunts

2

Observations are entered in the online hazard hunt system & Mail along with the report is automatically triggered to the responsible audit team members

3

The responsible engineers and departments get the reports of such observations on a daily basis.

4

Engineers address the concern and update the same on the online platform upon which the status of the incident would showcase as "closed".

5

The HSE officer receives the link of closure of the concern. The officer is responsible to verify on whether the concern has actually been addressed. The officer can edit the status of the concern to "open" again, in case they deem that the situation has not been addressed, or they can just close the observation as "HSE Closed" upon which the Online Hazard Hunt System actually closes the case.

482 Hazard Hunts conducted at the site
4572 observations corrected
16 Million LTI Free safe man hours achieved.

Benefits

- Forms a centralized database for collecting safety information and maintaining records.
- Ease in entering data from Hazard Hunt Reports, making it easier to compute safety statistics.
- Ease in tracking status of observations (Open/Close) and concerns recorded during the hazard hunt.
- Ease in computing safety statistics- Carry out Analysis, severity number-wise violations, contractor-wise violations.
- Ease in identifying focus areas for interventions.