

Hazard identification, risk assessment, and incident investigation

LDC has a process to identify hazards for each of its activities, considering parameters such as historical performance, level process safety exposure, new and/or regulatory changes and occupational health and safety risks. Based on the risk mapping, proper investment are allocated, training to local personnel is provided and inspections/audits are performed.

Moving forward on the risk prevention and mitigation, LDC has implemented in its management system a Job Safety Analysis (JSA)/Job Hazard Analysis for every single routine activity performed on our premises, for every risky activity which is not covered under JSA/JHA umbrella a specific permit to work is prepared and released before the task execution. This approach is applied to all activities, including tasks performed by non-LDC employees.

In addition to the risk assessment processes LDC has established the SHE Digital tool for workers to report work-related hazards and hazardous situations, because we believe the best way to improve LDC processes is hearing the voice of the employees exposed to the risk. At LDC, we are convinced that encouraging our employees to identify risks and make suggestions for improving safety conditions and practices in our operations is the most valuable way of dealing with risks and behavior-based safety, and considering how sensitive is the process of reporting risky condition/behavior the employees can submit anonymous report through our SHE digital tool and/or through the ethics line.

We also believe that every employee is accountable for his/her own safety, to promote this principle LDC has implemented the refuse to work practice, every employee has the right and the obligation to stop work if he/she are exposed (or is exposing someone) to a risk that can threaten his/her personal safety (or someone else).

LDC is also conscious that even with all the prevention deployed events can happen, so an investigation process has been established and is applied to all recordable, lost time, first aid event and near miss event, including process safety ones. Following the investigation and in order to prevent future events, the root causes identified are shared to similar operations to prevent recurrence.

All those processes mentioned above are managed by the SHE Digital tool, the LDC SHE Management tool developed to compile all SHE indicators, events, risk analyses and actions to prevent future incidents, including the auditing processes. SHE Digital is critical for LDC to allow the company to move from the reactive mode to pro-active mode using our own data available to define leading indicator that will help to improve our performance in the future.

Addressing these leading indicators, rather than lagging indicators such as the causes identified in an injury investigation, is the way we firmly believe will lead us to change mindsets as we achieve a safe working environment.