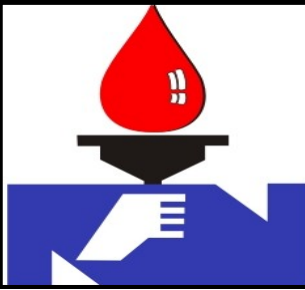


# NATIONAL REFINERY LIMITED



## HSE NEWS LETTER

January - 2022

### HSE Newsletter Contents:

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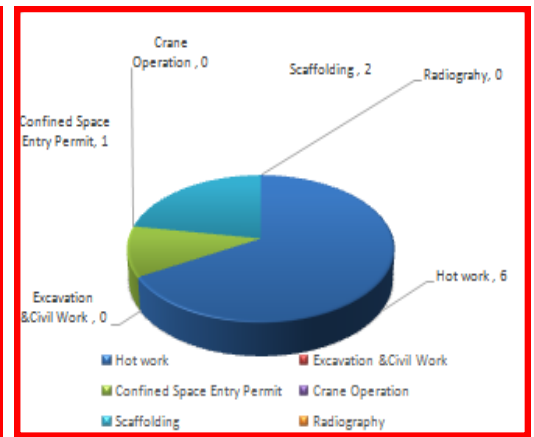
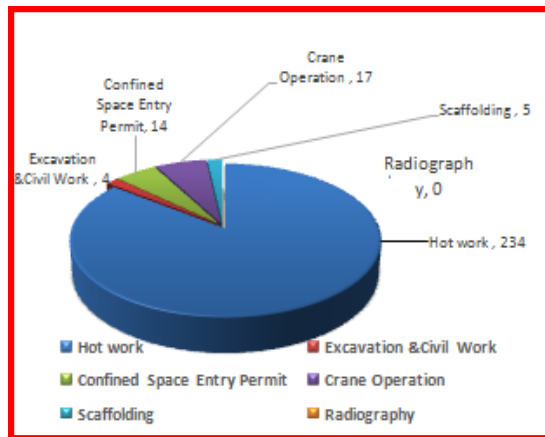
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Question or concerns regarding this news letter may be directed to:

**Manager HSE**  
National Refinery Limited (NRL), 7-B, Korangi Industrial Zone, Karachi - 74900, Pakistan.  
Email: [mgrhse@nrlpak.com](mailto:mgrhse@nrlpak.com)

## Permit to Work System at NRL Korangi & K.T

Permit is regarded as a written agreement between the person authorizing the work and the person receiving the permit to work. Following Permit to Work were issued in the Month of **January 2022** at Korangi & K.T.



### Korangi Refinery

### Keamari Terminal

## Safe Man Hours

NRL Safety Board is updated by second week of every month. Safety Board shows the number of Safe Man-hours worked by NRL MPT and Non MPT Staff. By the Grace of Almighty Allah and joint efforts by all of us, we have achieved **36.98487463 millions** safe man-hours without Lost Time Injury (LTI) as on **31<sup>st</sup> January 2022**. Let us all give top priority towards safety, as there is no any job, which cannot be done in a safer way.

**36.98 Million Safe man hours till 31<sup>st</sup> January 2022**



## SAFETY TRAINING SESSIONS AT HRDC

### Class room training:

Training on “**Hazards Identification and Risk Assessment**” conducted by **HSE Department at HRDC**.

Safety inductions can be a major resource for helping prevent an injury or accident from happening in the workplace. It is the direct tool for bringing awareness of safety issues and procedures to all types of workers (from regular employees, contractors or even visitors). An effective safety induction can also ensure not just safety awareness affecting the person completing a job task or role but also ensure the safety of their coworkers too. It can set out important processes to follow, such as how to report an incident, safety procedures for working at heights, confined spaces, access control, restricted areas



## Fire Drills Conducted by Fire Department

### ◆ Fire Drill:

Every Thursday at 1000 hrs and Wednesday at 1530 hrs, planned fire drill conducted by the fire protection department at Korangi Refinery and Keamari terminal respectively, to check the preparedness or effectiveness of fire-fighting staff and firefighting equipment at the time of emergency. Also training regarding usage of fire fighting equipment is delivered to participant from different department in fire drill by the fire protection department.

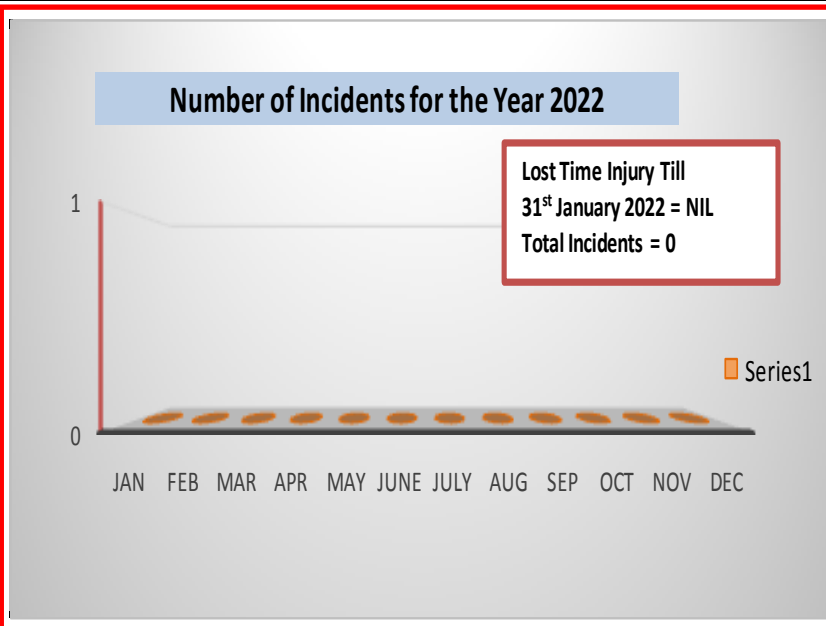


# OUR AIM: NO ACCIDENTS



## INCIDENT / ILL HEALTH AND LOSS TIME INJURY

<b>Incident</b>	An incident is an unplanned, undesired event that adversely affects completion of a task.
<b>Near miss</b>	A near miss describes incident where no property was damaged and no personal injury sustained, but when given a slight shift in time or position, damage and / or injury easily could have occurred.
<b>Accident</b>	An accident is an undesired event that results in personal injury, property damage and equipment damage.
<b>Loss Time injury (LTI)</b>	If any NRL employee on duty had an accident on the job, which render the employee medically unfit to resume of his duty next 24 hours is considered to be lost time injury (LTI).



## INTERNAL / EXTERNAL MONITORING CONDUCTED BY HSE DEPARTEMENT



**Ambient Air Monitoring**



**Drinking Water Sampling**



**Stack Emission Testing**



**Fugitive Emission Testing**



**Noise Monitoring in Plant**



**Vehicle Emission Monitoring**

## Safety Article: Safety Culture, Concepts and Practices.

According to the Occupational Safety and Health Administration: “Safety cultures consist of shared beliefs, practices and attitudes that exist at an establishment. Culture is the atmosphere created by those beliefs, attitudes, etc., which shape our behavior.”

By definition, safety culture is difficult to measure. How do you measure values, attitudes and beliefs?

Following are three ways to tell whether or not you have an awesome safety culture. If you can answer yes to most of these, you’re doing great. If not, you have some work to do. Don’t be discouraged, culture change takes time and perseverance.

- ◆ There is **visible leadership commitment** at all levels of the organization. Leadership commitment (or lack thereof) to safety will always show. What your organization’s leaders value is typically what gets done. In great safety cultures, leadership proves their commitment to safety through their actions and how they empower others throughout the organization to win with their safety initiatives.
- ◆ All employees throughout the organization exhibit a **working knowledge of health and safety topics**. When you value something, it’s worth the time and energy it takes you to excel at it. In great safety cultures, all employees throughout the organization have invested in a working knowledge of health and safety topics. In other words they’re competent in safety. They know their roles and responsibilities.
- ◆ There is a **clear definition of the desired culture** the organization wishes to achieve. How do you create movement toward the safety culture your organization wishes to achieve? You set a goal. You write it down. You measure where you’re at. You develop a plan to make it happen. It’s a simple strategy, yes, but not simplistic. Make sure you develop a plan that includes a clear definition of

