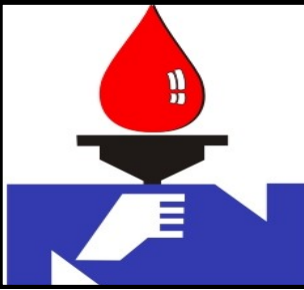


# NATIONAL REFINERY LIMITED



## HSE NEWS LETTER

May - 2021

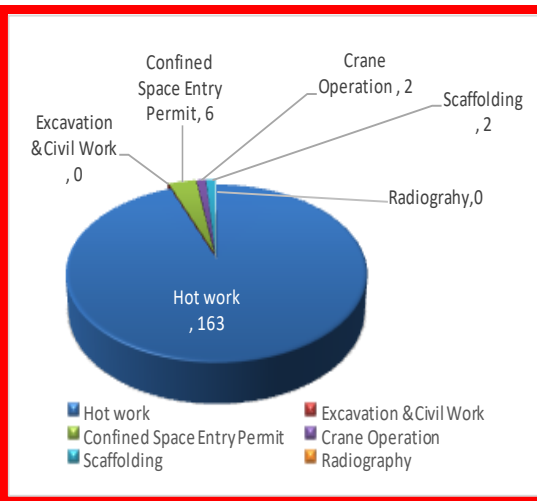
### HSE Newsletter Contents:

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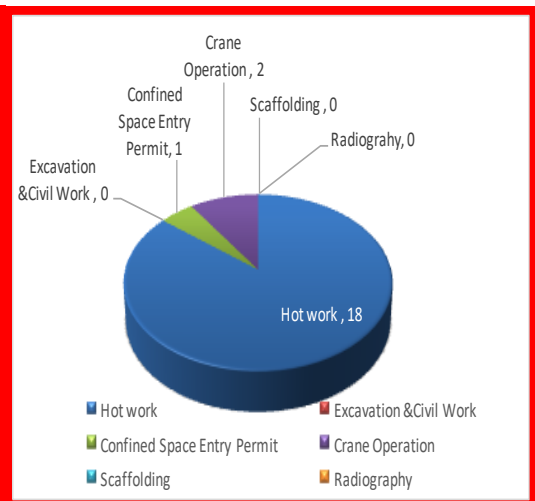
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## Permit to Work System at NRL Korangi & K.T

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 **May 2021** 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 Al Mighty Allah and joint efforts by all of us, we have achieved **35.525445839 millions** safe man-hours without Lost Time Injury (LTI) as on **31<sup>st</sup> May 2021** Let us all give top priority towards safety, as there is no any job, which cannot be done in a safer way.

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)

**35.52 Million Safe man hours till 31<sup>st</sup> May 2021**



## SAFETY TRAINING SESSIONS AT HRDC

Safety Training Sessions conducted by **HSE Department** at **HRDC** on various topics like:

- ◆ HSE awareness inside refinery
- ◆ Advantages of housekeeping
- ◆ Process safety awareness
- ◆ Hazard Identification and risk assessment
- ◆ Incident Investigation
- ◆ Legal requirements related to HSE

Workplace safety training is a process that aims to provide workforce with knowledge and skills to perform work in a way that is safe for the person itself and other co-workers.



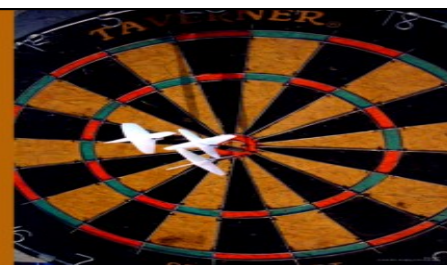
## Fire Drills Conducted by Fire Department

### ◆ Fire Drill:

Every Thursday at 1000 hrs and Wednesday at 1530 hrs , planned fire drill conduct 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.

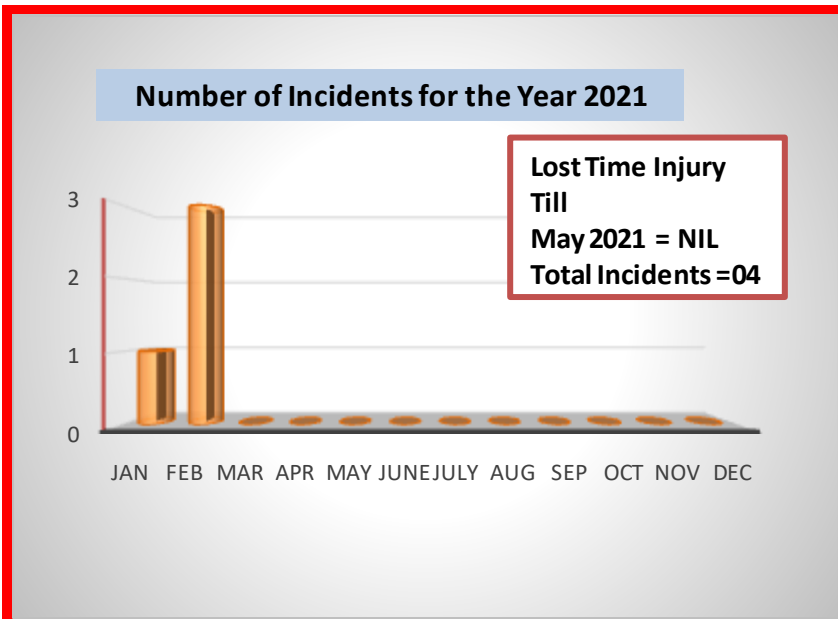


# OUR AIM: NO ACCIDENTS



## 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 on the job accident, which render the employee medically unfit to resume of his duty next 24 hours is considered to be lost time injury (LTI).



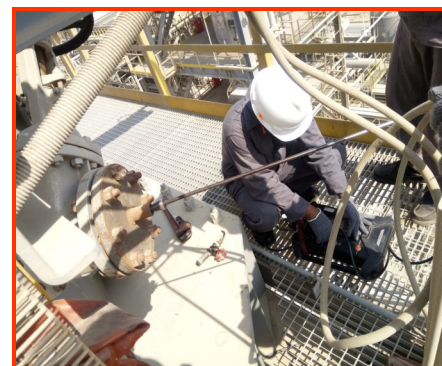
## INTERNAL / EXTERNAL MONITORING CONDUCTED BY HSE DEPARTEMENT



**Ambient Air Monitoring**



**Drinking Water Sampling**



**Stack Emission Testing**



**Fugitive Emission Testing**



**Noise Monitoring in Plant**



**Vehicle Emission Monitoring**

## **Safety Article: Safety Aspects During Rain**

The potential hazards present on a worksite can increase during conditions such as rain.

### **The Hazards:**

- Slippery surfaces are a leading cause of slips, trips and falls
- Electrical shock can occur when using the wrong types of tools in the rain
- Reduced visibility in the work zone
- Working in the rain for long periods can lead to hypothermia or other cold/stress-related conditions
- Unstable ground conditions
- More hazardous driving conditions



### **The Controls:**

- Move cautiously to prevent slips, trips and falls
- Use the proper tools
- Do not use electrical tools that are not rated for use in the rain
- Wear warm, waterproof clothes and footwear
- Wear proper hand protection – non-slip grip is best
- Make sure that you can be seen – wear high-visibility clothing over your rain gear
- Take small breaks to warm up
- Don't walk through pooled water without knowing the ground conditions

