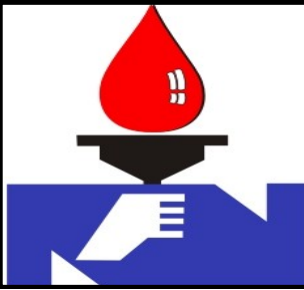


NATIONAL REFINERY LIMITED



HSE NEWS LETTER

March-2022

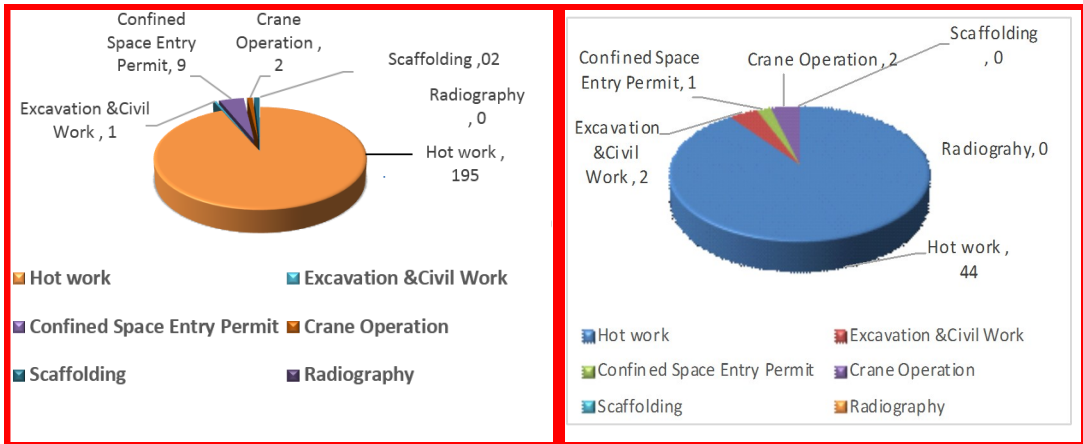
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Question or concerns regarding this news letter may be directed to:

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

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 **March 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. It is with great regret to inform you that as of **14th March 2022**, **LTI was reported which resulted in our Man-hours being reverted back to Zero**. We have achieved **105564.05** thousand safe man-hours without Lost Time Injury (LTI) as on **31st March 2022**.

105564.05 Thousand Safe Man-Hours from 15th March till 31st March-2022

SAFETY TRAINING SESSIONS At Operation Block Meeting Hall

Class room training:

“ Importance of Process safety management“ conducted by **HSE Department at Operation Block meeting hall.**

Safety refresher trainings 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 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.

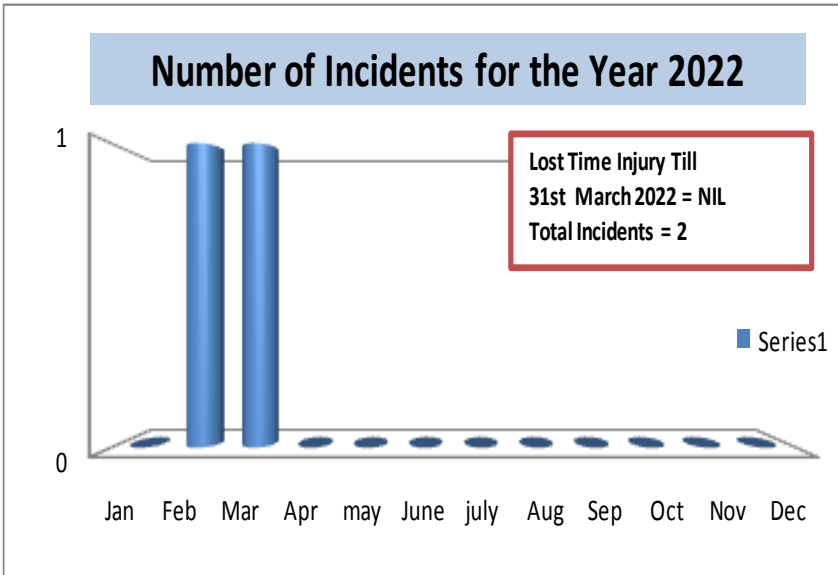


OUR AIM: NO ACCIDENTS



INCIDENT / ILL HEALTH AND LOSS TIME INJURY

Incident	An incident is an unplanned, undesired event that adversely affects completion of a task.
Near miss	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.
Accident	An accident is an undesired event that results in personal injury, property damage and equipment damage.
Loss Time injury (LTI)	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).



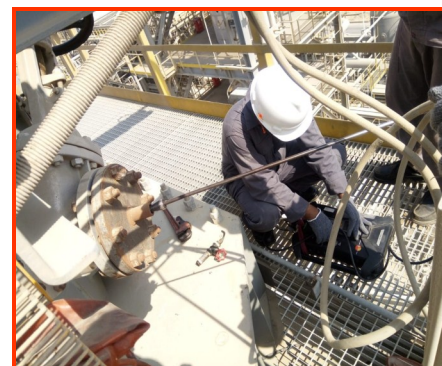
INTERNAL / EXTERNAL MONITORING CONDUCTED BY HSE DEPARTEMENT



Ambient Air Monitoring



Drinking Water Sampling



Stack Emission Testing



Fugitive Emission Testing



Noise Monitoring in Plant



Vehicle Emission Monitoring

Safety Article: Crane Operation

Crane Operation:

Crane operators are responsible for operating a mobile crane in order to lift, move, position, and reposition different loads of materials. The operator controls different crane functions by pressing buttons, foot pedals, and navigating crane levers.

Most Common Crane Hazards?

- Falling Loads
- Mechanical failure
- Operator incompetency
- Two blocking
- Crane Overload



Crane Operation Precaution

- Select the Right Crane for the Job
- Always Utilize Qualified Personnel
- Read Operator Manuals
- Perform Daily Operator Checks
- Avoid or Clear Obstacles During Travel



Crane Operation Controls Measures

- Avoid sudden movement or violent operation of the crane
- Operate the levers and pedals smoothly
- When lifting long loads tie a guide rope to each end of the load
- Crane Lifting Safety Procedure
- Crane Safety Devices

