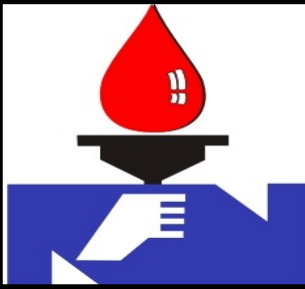


NATIONAL REFINERY LIMITED



HSE NEWS LETTER

November - 2020

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

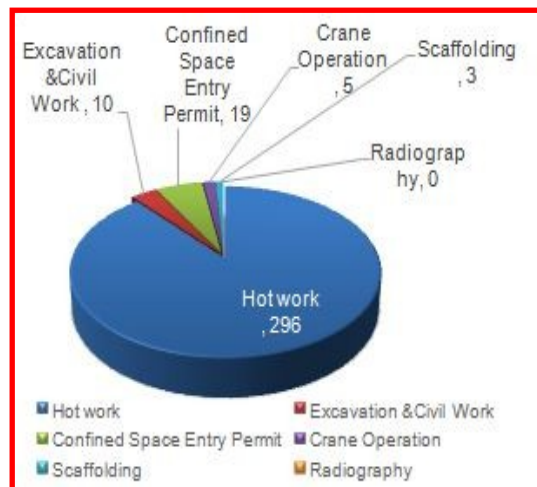
Manager HSE

National Refinery Limited (NRL), 7-B, Korangi Industrial Zone, Karachi - 74900, Pakistan.

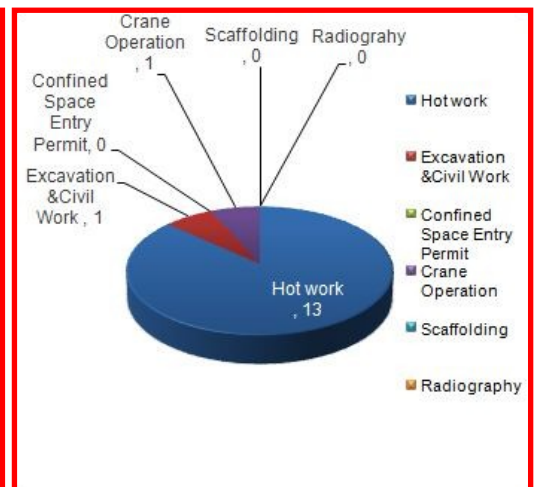
Email: mgrhse@nrlpak.com

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 **November 2020** 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 **34.47545088 millions** safe man-hours without Lost Time Injury (LTI) as on **30th Nov 2020**. Let us all give top priority towards safety, as there is no any job, which cannot be done in a safer way.

34.48 Million Safe man hours till 30th November 2020



House Keeping and Safety induction training to Newly Hired Apprentices Batch

◆ Class room training:

“ Importance of Good housekeeping, PPEs Implementation and HSE awareness “ sessions for Apprentices 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 through to hazard reports.



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.

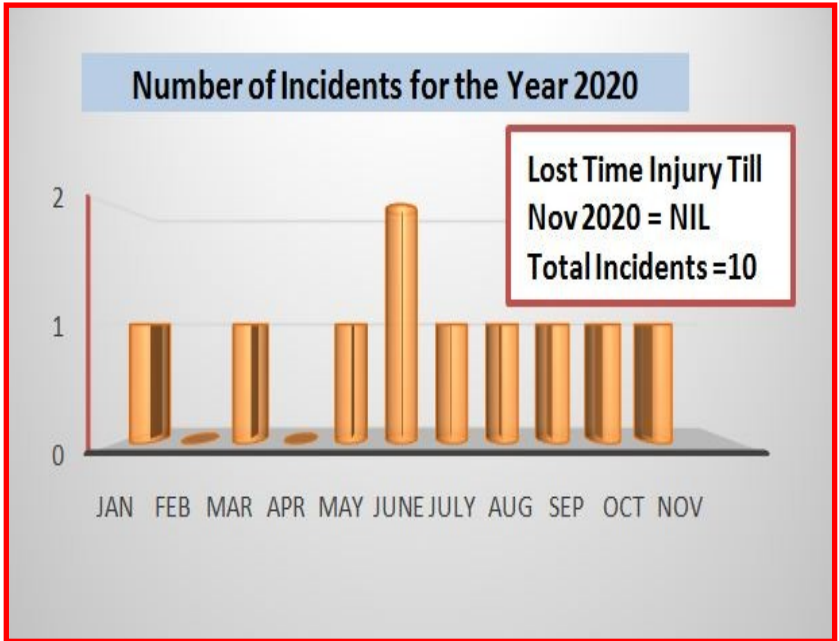


OUR AIM: **NO** ACCIDENTS



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: Portable Grinder Safety precautions

What safety precautions should you follow when using a portable grinder?

- Guards must be provided and adjusted properly to protect you. Replace damaged guards because if an abrasive wheel breaks while rotating, it can cause a serious injury.
- Before use, check the manufacturer's stated running speeds, or markings on the grinder, and grinder wheel for the maximum speed that it can be used.
- Follow manufacturer's manual for the safe use of grinder wheel guards.
- Clean and service grinders according to manufacturers' recommendations. Record all maintenance for grinders.
- Wear safety glasses or goggles, or a face shield (with safety glasses or goggles) to protect against flying particles. Gloves, aprons, safety boots, and other related PPE's.
- Do not use wheels that are cracked or those that excessively vibrate.
- Do not operate grinder on wet floors.
- Use both hands when holding the grinder.
- Keep the power cord away from the grinding wheel and



Portable Grinder



What should you do when using portable grinders?

- Check that grinders do not vibrate or operate roughly.
 - ◆ **Hold grinders as follows:**
- Horizontal grinder - the full grinding face width of the wheel is in contact with the grinding surface.
- Right-angle grinder - the grinding face of the wheel or disc is at an angle of between 5 and 15 degrees from the grinding surface.
- Vertical grinder - the grinding wheel face is in contact with the surface.
- Use racks or hooks to store portable grinders.
- Stand away from the wheel when starting grinders. Warn co-workers to do the same.
- Ensure the wheel guard is in place while operating the grinder.
- Run newly mounted wheels at operating speed for 1 minute before grinding.
- Wear appropriate eye, ear and face protection. Use other personal protective equipment or clothing, as required under the circumstances.
- Use an appropriate ventilation exhaust system to reduce inhalation of dusts, debris, and coolant mists. Exhaust systems must be designed and maintained appropriately.