

NATIONAL REFINERY LIMITED



HSE NEWS LETTER

July—2019

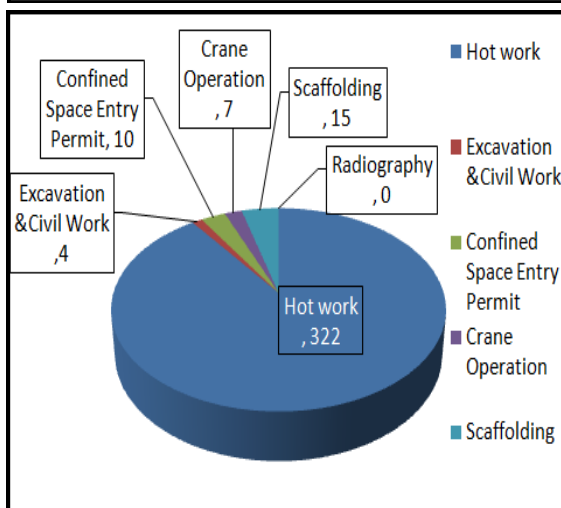
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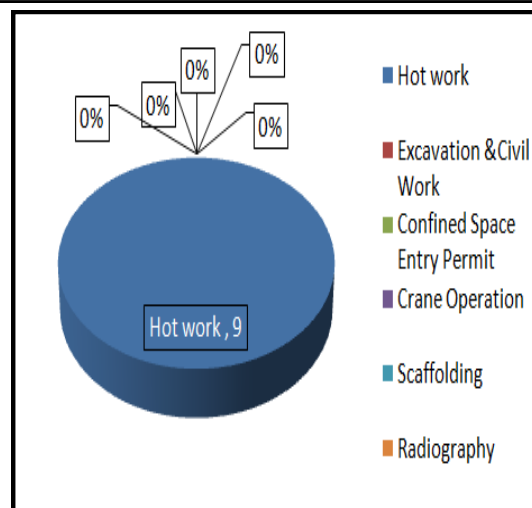
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Permit to Work System at NRL Korangi & K.T

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 **July 2019** at Korangi & K.T.



Korangi Refinery



Keamari Terminal

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

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 **31.903580** -millions safe man-hours with out Lost Time Injury as on **31st July 2019** Let us all give top priority towards safety, as there is no job, which cannot be done in a safer way.

31.903580 Million Safe Man Hours Till July 31st 2019

Healthy, Safety & Environment



NFEH award:

Alhamdulillah, **NRL** have won **NFEH** (National Forum for Environment and Health) awards (**16th Environmental Excellence Award 2019**) and (**Best Presentation AEEA 2019's Nomination Papers**). Both awards received by NRL representative G.M (Operations) **Mr. Nisar Ahmed Khan**.

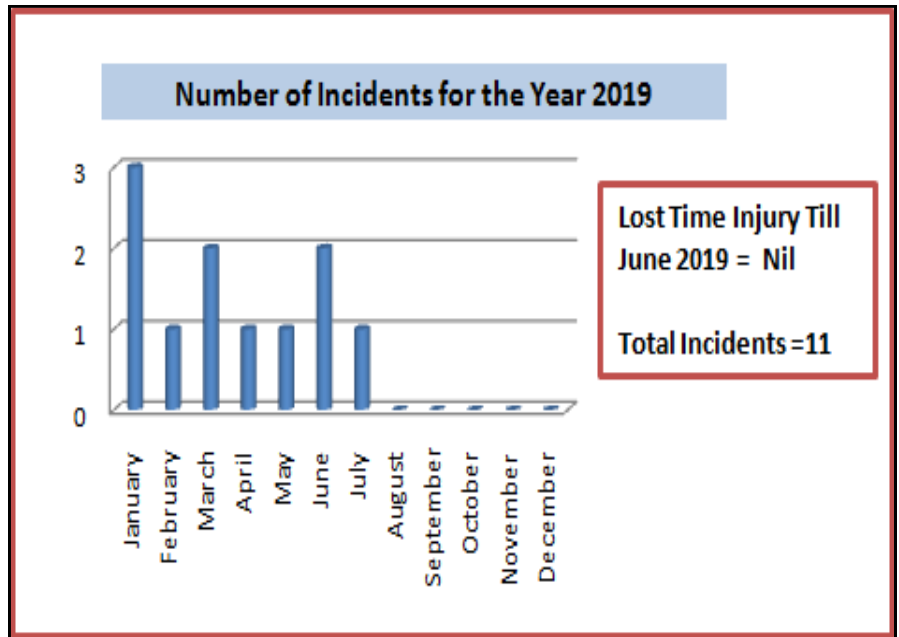


OUR AIM: **NO** ACCIDENTS



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



ETP water sampling



Stack Emission Testing



Noise Monitoring in Plant



NRL In-house / Internal Monitor-

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 the material being ground.



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.