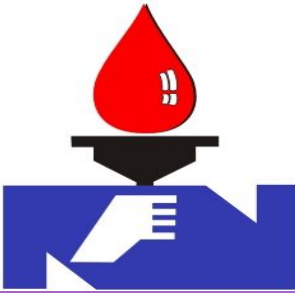


NATIONAL REFINERY LIMITED



HSE NEWS LETTER

May —2018

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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. During working days in the morning several naked flame hot work permits were audited before issuance of various jobs at different locations inside Refinery by Sr. Engineer, Engineer and HSE / Fire Protection Officers along with respective area custodians. Following Permit to Work were issued in the Month of **May 2018** at Korangi & K.T.

KORANGI REFINERY		KEAMARI TERMINAL	
PERMITS	TOTAL QUANTITY (NOs.)	PERMITS	TOTAL QUANTITY (NOs.)
Hot Work Permit	339	Hot Work Permit	25
Confined Space Entry Permit	08	Confined Space Entry Permit	01
Excavation / Civil Work	03	Excavation / Civil Work	05
Radiography Permit	—	Radiography Permit	—
Crane Operation	10	Crane Operation	03
Cold Work Permit	—	Cold Work Permit	—
Scaffolding Permit	07	Scaffolding Permit	—

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 **29.133918** millions safe man-hours with out Lost Time Injury as on **May 31st, 2018**. Let us all give top priority towards safety, as there is no job, which cannot be done in a safer way.



Fire Drill at NRL Korangi & KT

Live Fire / Dry drill is carried out every **Thursday** at 1000 hrs. sharp at **NRL Korangi Refinery** & Dry Drill is carried out every **Wednesday** at 1530 hrs sharp at NRL Keamari Terminal. This drill helps in checking the fitness of fire fighting equipment & imparting training to Auxiliary Staffs as describe in Procedure to gain experience for combating / catering of live fire fighting. HSE department observes the response time during fire drill. Following are the status of Drills practices which were carried out in the month of **May 2018**.

S. No	Date	Team Leader	Nos. of Participant Attended	Nos. of Absentees	Nature of Drill	Response Time (min: sec)
Korangi Refinery						
01.	03-05-2018	Mr. Daulat Khan	13	—	Live	02 min 47 sec
02.	10-05-2018	Mr. Bial Muhammad Khan	13	—	Live	03 mins
03.	17-05-2018	Mr. Muhammad Riaz	10	03	Dry	—
04.	24-05-2018	Mr. Iqbal Ali	10	03	Dry	—
05	31-05-2018	Mr.Furqan Ahmed	13	—	Dry	—
Keamari Terminal (K.T)						
01	02-05-2018	Mr.Kazim Raza	04	—	Dry	—
02	09-05-2018	Mr.Shafique Ansari	04	—	Dry	—
03	16-05-2018	Mr.Asif Bhatti	04	—	Dry	—
04	23-05-2018	Mr.Asif Bhatti	04	—	Dry	—
05	30-05-2018	Mr.Muhammad Abid	04	—	Dry	—

Hose Handling Drill Korangi

Hose handling drill is carried out every **Tuesday** at 1000 hrs. sharp at Fire station NRL Korangi Refinery. This drill helps in handling of fire fighting equipment to Auxiliary Staffs from Productions, Security, Quality Control and Oil movement departments to handle / cater emergency situation. Following are the status of Hose Handling Drills practices which were carried out in the month of **May 2018**.

S. No	Date	Team Leader	Nos. of Participant Attended	Nos. of Absentees
01.	08-05-2018	Mr.Furqan Ahmed	10	03
02.	15-05-2018	Mr.Furqan Ahmed	12	01
03.	22-05-2018	Mr.Iqbal Ali & Daulat Khan	07	06
04	29-05-2018	Mr.Iqbal Ali	09	04



INCIDENT / ILL HEALTH AND LOSS TIME INJURY

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.
Incident	An incident is an unplanned, undesired event that adversely affects completion of a task.
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).

MONTHWISE STATUS OF INCIDENT & LOSS TIME INJURIES

Sr. No.	MONTH	INCIDENTS	LOSS TIME INJURIES
01.	January 2018	01	Nil
02	February 2018	03	Nil
03	March 2018	01	Nil
04	April 2018	03	Nil
05	May 2018	03	Nil
	Total No.	11	Nil







INTERNAL MONITORING CONDUCTED BY HSE DEPARTEMENT

S. #	Testing	Locations	Date (NRL)	Date (K.T)
1	H ₂ S and VOC	Plant area, Storage tanks, Flare area, Management block parking, Q.C,Gantries & terminals.	3 rd & 4 th May 2018	09-May-2018
2	Illumination	Control rooms, canteen & corridors.		
3	Noise Level	Plant area, Power generation & Pump house		
4	Drinking Water	Different locations in NRL	14 th May 2018	—
5	Rain Water Channel Monitoring	Inside NRL	2 nd May 2018	—

Safety Article : Chemical Safety

Chemical safety: Key duties of employers and employees

There are key duties for employers and employees under the relevant health and safety legislation.
Employers are required to:

-  Determine which hazardous substances are present in the workplace.
-  Assess the risks to employees and others from the presence of these hazardous substances.
-  Prevent or control exposure to the hazardous substances to as low a level as is reasonably practicable.
-  Have arrangements in place to deal with accidents, incidents and emergencies.
-  Provide information, training and consultation to employees.
-  Make available health surveillance to employees.



What steps can you take to protect your employees and ensure their safety?

1) Provide the Proper Protective Equipment:

Working with hazardous chemicals can be extremely dangerous and employees must wear the proper equipment to ensure their safety.

2) Develop a HAZCOM Program:

Facilities using hazardous materials must develop and implement a Hazard Communication (HAZCOM) program. This program includes a written plan, employee training, chemical inventory and SDSs

3) Make Eyewash Stations and Showers Easily Accessible:

It is extremely important to have an [eyewash station](#) in your facility. For skin exposure, workers have seconds to get to an eyewash station or shower to prevent severe damage.

4) Train Employees on Proper Use of Eyewash Station:

Providing the necessary training is an important step to ensure their safety. Stress the importance of properly cleaning the affected area and warn your employees to never rub the injury as this can force contaminants deeper into the skin or eyes.

Chemical Impact on health.

