

# NATIONAL REFINERY LIMITED



## HSE NEWS LETTER

February—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 **February 2018** at Korangi & K.T.

KORANGI REFINERY		KEAMARI TERMINAL	
PERMITS	TOTAL QUANTITY (NOs.)	PERMITS	TOTAL QUANTITY (NOs.)
Hot Work Permit	417	Hot Work Permit	24
Confined Space Entry Permit	12	Confined Space Entry Permit	—
Excavation / Civil Work	04	Excavation / Civil Work	—
Radiography Permit	—	Radiography Permit	—
Crane Operation	16	Crane Operation	03
Cold Work Permit	—	Cold Work Permit	—
Scaffolding Permit	08	Scaffolding Permit	—

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

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## 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 **28.48205** millions safe man-hours with out Lost Time Injury as on **February 28th, 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 **February 2018**.

S. No	Date	Team Leader	Nos. of Participant Attended	Nos. of Absentees	Nature of Drill	Response Time (min: sec)
<b>Korangi Refinery</b>						
01.	01-02-2018	Mr. Furqan Ahmed	13	—	Live	04 minutes
02.	08-02-2018	Mr. Ali Muhammad	12	01	Live	03 minutes
03.	15-02-2018	Mr. Khalid Hussain	13	—	Live	02 mins 10 sec
04.	22-02-2018	Mr. Khan Muhammad	12	01	Live	03 minutes
<b>Keamari Terminal (K.T)</b>						
01	07-02-2018	Muhammad Abid / Waqas Ahmed	04	—	Dry	—
02	14-02-2018	Muhammad Abid / M.Farooq	04	—	Dry	—
03	21-02-2018	Syed Kazim Raza / S.M Tariq	04	—	Dry	—
04	28-02-2018	Syed Kazim Raza / S.M	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 **February 2018**.

S. No	Date	Team Leader	Nos. of Participant Attended	Nos. of Absentees
01.	06-02-2018	Muhammad Israr/ Daulat Khan	11	02
02.	13-02-2018	Bilal Muhammad Khan	09	04
03.	20-02-2018	Shahid Mehmood	11	02
04.	27-02-2018	Ali Muhammad	12	01

## Hose Handling Drill K.T

S. No	Date	Team Leader	Nos. of Participant Attended	Nos. of Absentees
01.	07-02-2018	Muhammad Abid	04	—
02.	14-02-2018	Muhammad Abid	04	—
03.	21-02-2018	Muhammad Shafiq Ansari	04	—
04.	28-02-2018	Muhammad Shafiq Ansari	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
<b>Total No.</b>		<b>04</b>	<b>Nil</b>

### INTERNAL MONITORING CONDUCTED BY HSE DEPARTEMENT

S. #	Testing	Locations	Date (NRL)	Date (K.T)
1	H <sub>2</sub> S and VOC	Plant area, Storage tanks, Flare area, Management block parking, Q.C, Gantries & terminals.	7 <sup>th</sup> & 8 <sup>th</sup> February 2018	9 <sup>th</sup> February 2018
2	Illumination	Control rooms, canteen & corridors.		
3	Noise Level	Plant area, Power generation & Pump house		
4	Drinking Water	Different locations in NRL	27 <sup>th</sup> Feb 2018	-
5	Rain Water Channel Monitoring	Inside NRL	19 <sup>th</sup> and 20 <sup>th</sup> Feb 2018	-

## Safety Article : Chemical safety tips



### ◆ Use General SOP's

A standard operating procedure (SOP) that addresses the use of correct personal protective equipment, safe handling, safe use, and proper disposal can cover all chemicals in a laboratory. Flip charts, signs, or other literature can then be used to remind workers of specific chemical hazards.

### ◆ Air Flow

Air quality can quickly become compromised in laboratories, making ventilation an important factor in minimizing exposure. When determining whether the local exhaust system is adequate, a good rule of thumb is that the system should be capable of at least eight to 10 air change outs per hour when the space is occupied.

### ◆ Housekeeping

Keeping floors clean and dry will help prevent slip and fall injuries -- the third-leading cause of worker injury and lost work time. Stocking absorbent mat pads and wipers in spill-prone locations helps employees clean up spills quickly, so the chance of a slip-and-fall incident is reduced and exposure is minimized.

### ◆ Storeroom Safety

A well-organized stockroom promotes safety and is more efficient. Putting one person in charge of the stockroom can help to facilitate proper organization and storage within the area.

### ◆ Spill Response Plan

Spill response plans should address spill prevention strategies, containment procedures, proper ventilation, when to evacuate, how to obtain medical care, and reporting requirements.

### ◆ Safety Equipment

Signs and container labels reinforce safety and serve as a constant reminder of specific handling, use, and disposal procedures. It is equally important to properly maintain eyewash stations, drench showers, fire extinguishers, and first aid kits so that workers who are exposed to chemicals can quickly access these tools in an emergency to lessen the effects of their exposure.

### ◆ Training

Having a chemical hygiene plan and making sure that workers understand the plan and how it helps them to avoid exposure to hazardous chemicals are essential requirements of OSHA's laboratory standard.