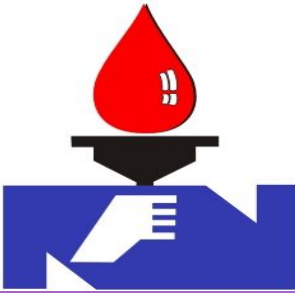


NATIONAL REFINERY LIMITED



HSE NEWS LETTER

September—2018

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

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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. 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 **September 2018** at Korangi & K.T.

KORANGI REFINERY		KEAMARI TERMINAL	
PERMITS	TOTAL QUANTITY (NOs.)	PERMITS	TOTAL QUANTITY (NOs.)
Hot Work Permit	290	Hot Work Permit	12
Confined Space Entry Permit	09	Confined Space Entry Permit	—
Excavation / Civil Work	04	Excavation / Civil Work	03
Radiography Permit	—	Radiography Permit	—
Crane Operation	11	Crane Operation	—
Cold Work Permit	—	Cold Work Permit	—
Scaffolding Permit	10	Scaffolding Permit	—

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 **29.947888** millions safe man-hours with out Lost Time Injury as on **September 30th, 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 **September 2018**.

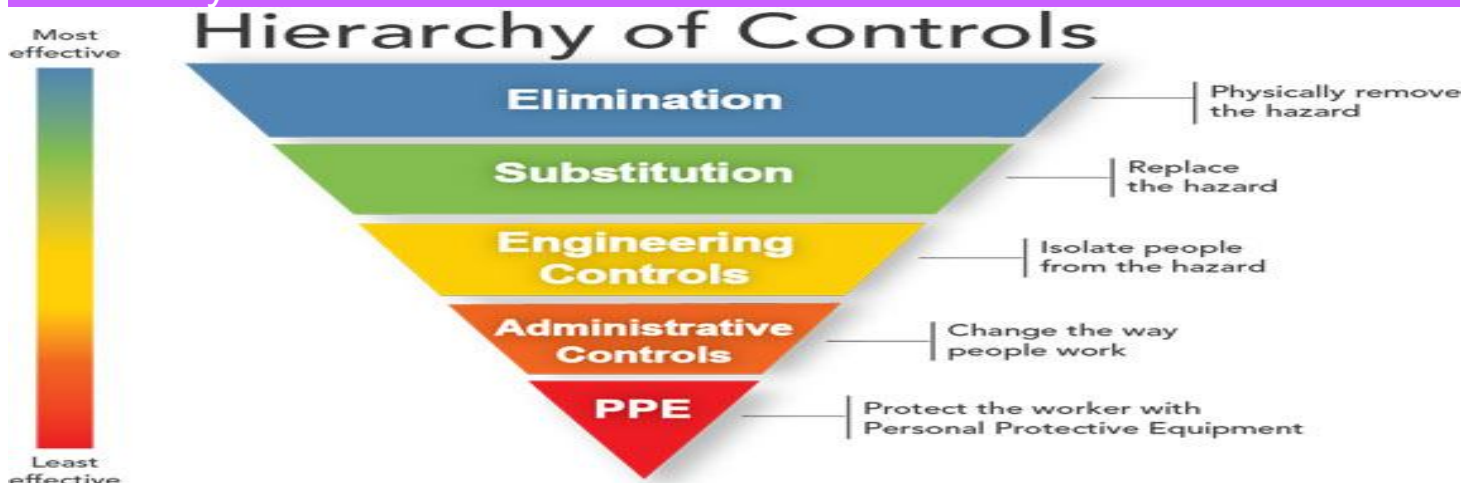
S. No	Date	Team Leader	Nos. of Participant Attended	Nos. of Absentees	Nature of Drill	Response Time (min: sec)
Korangi Refinery						
01.	06-09-2018	Mr.Ali Muhammad	13	—	Live	04 minutes 50 Sec
02.	19-09-2018	Mr.Daulat Khan	12	01	Live	05 minutes 10 Sec
03.	27-09-2018	Mr. Khan Muhammad	11	02	Live	04 minutes
Keamari Terminal (K.T)						
01	05-09-2018	Mr.Asif Bhatti	04	---	Dry	---
02	12-09-2018	Mr.Asif Bhatti	04	—	Dry	—
03	19-09-2018	Mr.Nadeem Jafri	04	—	Dry	—
04	26-09-2018	Mr.Nadeem Jafri	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 **September 2018**.

S. No	Date	Team Leader	Nos. of Participant Attended	Nos. of Absentees
01.	04-09-2018	Mr.Muhammad Naveed	13	—
02.	11-09-2018	Mr.Iqbal Ali	09	04
03	18-09-2018	Mr.Iqbal Ali	08	05
04	25-09-2018	Mr.Shahid Mehmood	10	03

Hierarchy of Risk Control:





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
06	June 2018	02	Nil
07	July 2018	03	Nil
08	August 2018	03	Nil
09	September 2018	01	Nil
Total No.		20	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.	17 th & 18 th Sep-2018	18 th -Sep-2018
2	Illumination	Control rooms, canteen & corridors.		
3	Noise Level	Plant area, Power generation & Pump house		
4	Rain Water Channel Monitoring	Inside NRL	7 th -Sep-2018	—

Safety Article : Importance of Reporting Incident:

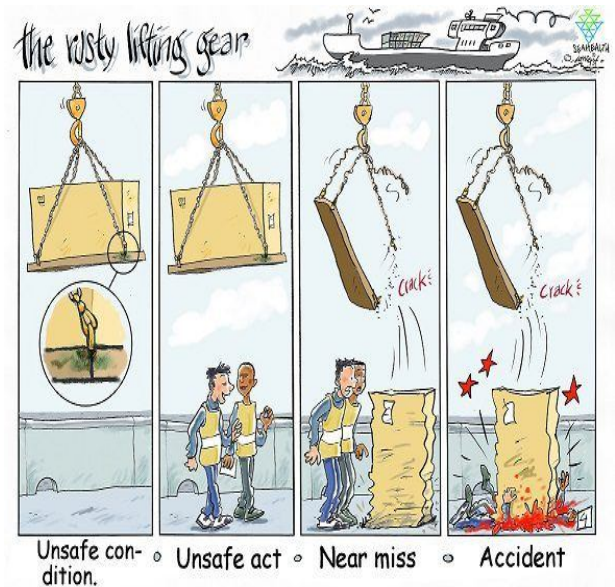
What is Incident?

OSHA defines an **incident** as "an unplanned, undesired event that adversely affects completion of a task." **Incidents** range in severity from near misses to fatal **accidents**.

Accident - An unplanned, unexpected event which occurs as part of University business that causes harm to people

Near miss - An unplanned, unexpected event which occurs as part of industrial operation that, under different circumstances, could have resulted in harm to people.

Incident in the workplace can cause a lot of stress and anxiety. The first thing to do is notify the responsible person about the incident. Do not feel that reporting the incident would hurt reputation of your company. your company is responsible for your safety and legally bound to be so. Immediately reporting the incident to the responsible person will also help them curtail such accidents in future by adopting proper safety precautions.



The importance of reporting an incident in the workplace:

◆ Minor incidents and observations help to prevent major incidents:

Most incident report forms identify the barriers that prevent adverse situations from developing into a major accident or disaster.

◆ Reporting is cheaper than the costs of a major incident:

The cost of maintaining the incident reporting program and/or software is many times cheaper than the cost of accidents or major incident.

◆ Incident reporting is a key habit that creates culture:

Each organizational culture is a set of habits, values, thoughts and beliefs. In organization-level development areas such as health, safety, quality and environment, the habits are the keystones that affect the culture the most.

◆ Lessons learned within the organization and benchmarks between industries:

The gathered data can be used for comparisons both within and between organizations and industries. Even though the incident categories and types differ between industries.

◆ Incidents and observations keep us aware:

The more and the higher frequency of incidents, the greater the observation regarding human error, systems failure, site comparisons, regulatory weaknesses etc.

◆ It protects your self-interest:

Minor injuries can always worsen over time. If you don't take the necessary [steps to report your injuries](#) when they occur, your employer can use your delay against you. Since you didn't report the initial injury, he can infer that the injury wasn't a result of work, and therefore not eligible for workers' compensation.

◆ Feedback from incidents keep the observers aboard:

Incident reporting provides a way to encourage employee participation in improvement whether it's about safety, quality, environmental or security. The culture of improvement can be created with two-way communication and everyone being