

EDITORIAL

## TOGETHER ONTO LOCKDOWN 4 *CLEAN hands matter the most*

We have crossed Lock-down 2 and 3, and what we are now facing is one with many relaxations and moreover, a lot more restrictions. This Lock-down is very sensitive for all industries than the initial ones. The safety norms and precautions mandated as part of the COVID -19 pandemic have been very high all through, calling for extreme caution at every step and at every level. All protocols are on double check and safety and hygiene are factored as key in the Refinery's SOP.

At the largest PSU Refinery in India, we know that Safety and *Swachhta* are not one-time processes . They are key operating principles for us as we rise to every call of emergency and as a team we are dedicated to fuelling the Nation's engines of progress. We believe that *Being Swachh is Safe* as India fights the Corona virus.

Our thanks to all hands that help keep the Refinery safe and clean everyday. An exclusive video titled *Being Swachh is Safe*, about the COVID care protocols at Kochi Refinery was created recently and we have shared it on our Social Media. Let us keep up the safety and hygiene protocols, as clean hands matter the most for keeping all of us safe.

This is the second edition of *JwalaDhwani* that is coming to you in the e-Format. We are cutting out the print versions until all support systems across the country are back in place and all units are hale and hearty. It might take a while, but it will be back, we all know. Stay safe. Stay healthy.

Warmly,  
Editor

### WHAT'S INSIDE :

- 02. ED's message
- 04. Corona : Conscious Care
- 05. Project Highlights
- 07. People - Adieu
- 09. One min AT HOME challenges
- 10. Stop the Spread





Murali Madhavan P  
Executive Director (Kochi Refinery)

## WHEN THE REFINERY GATES OPEN FOR PLANT SHUTDOWN

At the very outset I would like to congratulate team Kochi Refinery for adapting to the mission mode instantly and accepting the reality of COVID 19 in no time. We know that for any shutdown, the activities are challenging even under planned or normal circumstances. This time around, the challenges are multi-fold; opening up an entirely different experience with a new kind of checklist to think and act from. My special commendation to all the teams involved in this extraordinary shutdown for probing all sides, going the extra-mile to understand the challenges and changing the entire game-plan for the shutdown, drawing in all the rules and SOPs of COVID 19 health and safety mandates.

### WHAT WE ORIGINALLY PLANNED:

The maintenance shutdown for VGOHDS / DHDS was planned in May 2020 with LSTK contracts. The task at hand was huge and we were looking at 1500 odd manpower mobilization for Maintenance and Inspection activities of 95 Exchangers, 73 Pressure Vessels and 3 Heaters in a limited schedule of 14 days. Also the planned catalyst replacement scheduled for the reactors in DHDS & VGOHDS Units required specialists, thus adding another 150 to the man-power count. The entire work envisaged in 14 days was to the tune of Rs.50 Crores.

### AND THE WAY THINGS TURNED:

The Covid-19 pandemic capsized our entire shutdown plan. Mobilizing manpower and material from different parts of India came to a total halt and we had to come-up with an alternate strategy for seeing this through without compromising on safety and plant reliability.

An alternate contract agency was not available locally for the Catalyst replacement, hence the entire crew of 150 workers were brought in from Karnataka and placed under mandatory quarantine of 14 days before the catalyst replacement schedule is taken on board.

With several limitations at hand, the scope of the LSTK was changed to mini-packages for the specific VGOHDS/DHDS jobs in such a way that manpower and resources utilization could be planned differently tapping mainly from local resources. Advisory Services and Manufacturing department also revised the scope of work in line with priority-wise release of equipment. Execution of the intermediate tube sheet replacement in VGO Fractionator Heater got converted to limited manpower job on 12 Hr Shift. Thinking on the feet and fine tuning the balancing act, each job required care, caution and precise planning to now meet the unchanged deadline of 31 May 2020.

### MAJOR CHALLENGES

Mobilization of Manpower was one of the most challenging experience for us. Around 150 workers had to be brought in from Mangalore, Karnataka to our Refinery, which requires crossing the borders of several districts and two States. With the active support of our Public Relations, HR and Mangalore LPG and Calicut Retail teams, we received

.....  
**The Refinery never sleeps. The hum-drum of its throbbing presence is unique to its life design as an organism pulsating to fuel the future.**

**Amid COVID 19, several equations are under check to ensure the product lines are aflush, from steady production to safe operations, from protection of its workforce to preparations for planned shutdowns.**

**Yes, the Refinery never sleeps.**  
.....



all necessary approvals from various statutory bodies for transportation and mandatory quarantine stay for the work-force. Food and accommodation has been arranged for them near the Refinery. In addition to awareness sessions and health checks, all of them had also to undergo the COVID check as per the protocol developed for the final fitness approval to join the Refinery team for the shut-down jobs.

Executing jobs with limited manpower is equally challenging when posed with critical criteria like time and quality. Moreover, the responsibility vested in us, is not only completing the jobs, but managing and controlling safe operations through the people engaged externally for the shutdown of VGOHDS/DHDS. We have to look acutely into the sustained adherence to personal hygiene, social distancing and other COVID related precautionary measures at site by our team members and those who have been brought in for the specialized jobs.

### HIGH POINTS OF LEARNING

The COVID 19 pandemic has opened the entire world to look at things in a totally new way. For the size and nature of the job at our hand, the transportation of the manpower, 150 people, from Mangalore was the toughest of them all. Convincing the local bodies and the police, mobilizing contract manpower from interiors of Mangalore and regular follow up with different agencies, team BPCL has shown its resilience and persistence to face every challenge and abide by all norms for bringing the entire contract team to Kochi safely.

We are also relying heavily on digital technology for relaying the catalyst replacement activities to the suppliers via real-time live-streaming. As international lockdown has restricted travel to India, catalyst suppliers UOP and Albemarle will monitor the onsite process from their home-locations through the live-streaming, our first time for such a process.

It builds confidence in us that we are progressing as scheduled with the safe execution of mini-package shutdown with limited manpower, resources and observing all COVID –HSE guidelines.

I would also like to compliment the MSBP and PDPP teams for having all the checks and balances in place for coming back into full-stream as soon as the lockdown was relaxed in Kerala in the last week of April 2020. I appreciate the extent to which care is being taken for ensuring the safety of every person entering the project sites.

In the coming days, safety at work and safety of man-power is quintessential at all levels and at all sites. It becomes our primary responsibility to be safe and to re-remind everyone around us – employees and contract labour on the importance of wearing masks and maintaining social distancing for the best interest of oneself, our families, for our company and for our country.

As Martin Luther King said, the ultimate measures of a man is not whether he stands in moments of comfort and convenience, but where he stands at times of challenge and controversy. BPCL Kochi Refinery has proved once again that we are born to be challenged and to deliver passionately.

For, to us the call of duty, is the highest call of them all.

Warm regards,  
Murali Madhavan P

.....  
**We are relying heavily on digital technology for relaying the catalyst replacement activities to the suppliers via real-time live-streaming.**

**As international lockdown has restricted travel to India, catalyst suppliers UOP and Albemarle will monitor the onsite process from their home-locations through the live-streaming, our first time for such a process.**

.....



# PLANNED ACTIONS FOR A REFINERY THAT NEVER SLEEPS

Yes, the Refinery never sleeps. Even during the COVID 19 crisis. All protocols stipulated by the Government of India are adhered here in letter and spirit to keep the Refinery running round the clock safely to fuel the engines of our country. Conscious care is being taken at every step. Listed here are the planned actions at the largest PSU Refinery that never sleeps.

Sanitization of Refinery entry points, control rooms and office locations with Sodium Hypochlorite as per routine protocol

Sanitization of Plants, vehicles and systems for round the clock safe operations

Social distancing at all work stations and passages. Staggered lunch to avoid crowding

AROMA, our in-house sanitiser and other hand sanitisers provided at all locations with strict compliance of office hygiene protocol before taking over each shift

Online Meetings , Webinars and Learning Sessions for employees through Microsoft Teams

COVID-19 KR Dashboard with up to date info on employee guidelines and actions

Awareness posters in regional languages inside Refinery and at Project sites where works have resumed after partial relaxation of Lockdown.

Masks and PPEs for personal protection compulsory for all employees

Accommodation for essential Employees and Contract labour at the Refinery Residential facility during total lockdown

Food and essential provisions distributed to migrant labour and contract staff during total lock-down

Salary contribution to the PMs CARES Fund and to Govt of Kerala on distress call from the Nation

Distribution of essential provisions to communities around the Refinery by KR and various employee groups and associations as part of social support during the crisis.

VISIT OUR WEBSITE

## FEW NUMBERS THAT TELL YOU WHY THE REFINERY NEVER SLEEPS

IN APRIL 2020

**2351**

LPG BULLETS DISPATCHED

EQUIVALENT TO

**42.2**

TMT OF LPG

**2.96**

MILLION LPG CYLINDERS

ESSENTIAL WORK FORCE OPERATES ROUND THE CLOCK

STATS HERE OF ONE OF OUR MAJOR PRODUCTS : LPG

FUELLING HOMES TO COOK FOOD AND SERVE LOVE AMIDST THESE TESTING TIMES

Under directive of Govt of India, visitors are strictly prohibited in the Refinery and Quarantine protocols are being maintained for anyone entering the premises. Quarantine protocols are coordinated under the meticulous supervision of the Occupational Health Centre at BPCL Kochi Refinery.

Quarantine Stats at Kochi Refinery as on 10 May 2020 is given below:

**E**mployees  
Total quarantine : 119  
Rejoined Duty : 106  
In quarantine : 13

**C**ontract Staff  
Total quarantine : 16  
Rejoined Duty : 9  
In quarantine : 7

**C**anteen Staff  
Total quarantine : 12  
Rejoined Duty : 12  
In quarantine : 0

**C**ISF Staff  
Total quarantine : 7  
Rejoined Duty : 7  
In quarantine : 0

**HOME**  
**QUARANTINE**





# PROJECTS IN FULL SWING AT KOCHI REFINERY

All guidelines on safety and health are in place at the MSBP & PDPP, two major project sites at Kochi Refinery where works have resumed after recent relaxation of lock-down in Kerala for construction works. At these labour intensive sites, Kochi Refinery is maintaining strict protocols on Social Distancing, work readiness, personal hygiene and COVID awareness among the migrant labour and contract labour engaged at site.

Thermal scanning is compulsory at all Labour entry gates and those found unfit are not permitted to work. Public announcements are also being made on COVID awareness for the labour force to work stress-free and without panic.



UPDATE FROM PDPP  
RAVI K,  
GM(PROJECTS)

UPDATE FROM MSBP  
SATHEESH KUMAR KP,  
GM(BS VI PROJECTS)

Mr. Ravi K, General Manager (Projects) details the measures taken pre and post Lockdown to ensure that works and workers of Propylene Derivative Petrochemical Project (PDPP) are taken care of well and Mr. KP Satheesh Kumar , General Manager (BS VI Project), MSBP, gives us details of the specific care being taken for the works in progress at one of the hugely labour intensive sites in Kerala. Click on Play buttons above for full video reports.

TUNE IN TO KR SOCIAL MEDIA FOR FULL VIDEO REPORT





# PREVENTION IS THE BEST CURE

As the nation is continuing the lockdown to combat Covid- 19 virus concerns, it has become all the more imperative that we meticulously follow the standard operating norms (SOPs) and the Government guidelines issued from time to time on containment of Covid Virus.

The travel operations through trains/ flights have resumed with certain restrictions. In the recent guideline issued by HR Department, it has been reiterated that people travelling from other districts within Kerala or from other states in India have to intimate the Occupation Health Centre and obtain necessary information on protocols to be followed before undertaking such inter-district or inter-state journey. Similarly people travelling from COVID affected zones, area, district or state and the employees who come in contact with them have to remain in isolation as per the Guidelines. These employees are required to provide data of movement of the people residing with them to OHC.

## COVID-19 DASHBOARD

INFO POINT FOR KOCHI REFINERY

Click in to the COVID-19 Dashboard for latest broadcasts and updates for KR team



▶ CAN SAVE LIVES

## MASKS CAN SAVE LIVES

Use Masks. The world over it is the order of the day in the wake of the corona virus pandemic. On the **World Day For Safety and Health At Work, 28 April 2020**, we revisited our promise to be safe for ourselves and for our team-mates. We salute COVID Warriors working in all companies, firms and health organisations who provide strength, energy and resources to keep things going ON and ON for the Nations of the world.

Know more about health and safety at work:  
[www.ilo.org](http://www.ilo.org)

स्वच्छ है तो सुरक्षित है  
Being Swachh is Safe



## STAY MOTIVATED

Use the Play button to watch the exclusive video **Being Swachh is Safe**, that details about the sanitisation protocols followed at Kochi Refinery to make it an absolutely clean and safe place to work. Follow Kochi Refinery on FACEBOOK, TWITTER and YouTube for daily updates and videos to stay motivated .





# BEST WISHES TO OUR COLLEAGUES SUPERANNUATING THIS MONTH

**Mr. Vijayan P N**, Manager (Maintenance) joined Maintenance Department in 1981 and is retiring from the same department.

**Mr. Ravindranathan T K**, Operator-A (OM & S) joined Operations Department in 1982 and is retiring from OM & S department.

**Mr. Ganesan S**, Chief Manager (ESE), KR joined Maintenance Department in 1982 and is retiring from ESE department.

**Mr. Ravi Kumar K P**, Procurement Leader (Procurement), KR joined Maintenance Department in 1982 and is retiring from CPO (KR) department.

**Mr. Augustine Joseph**, Sr. Manager (OM & S) joined Operations Department in 1982 and is retiring from OM & S department.

**Mr. Emmanuel M V**, Manager (OM & S) joined Stock & Oil Movements Department in 1983 and is retiring from OM & S department.

**Mr. Antony Mohan K J**, Manager (Maintenance) joined Maintenance Department in 1983 and is retiring from the same department.

**Mr. Alexander Kunju Kunju**, General Craftsman – Fitter (Maintenance) joined Personnel & Administration Department in 1983 and is retiring from Maintenance department.

**Mr. Sajikutty Mathew**, Assistant Manager – Utilities (P&U - Utilities) joined Stock & Oil Movements Department in 1983 and is retiring from P&U - Utilities department.



**Vijayan P N**



**Ravindranathan T K**



**Ganesan S**



**Ravi Kumar K P**



**Augustine Joseph**



**Emmanuel M V**



**Antony Mohan K J**



**Alexander Kunju Kunju**



**Sajikutty Mathew**



**Sukumaran Nair B**



**Krishna Kumar P**



**Pradeep K K**



**Pradeep Kumar T**



**Paul Joseph**



**Mohanlal A**



**Unnikrishnan Nair P K**



**Narayanan K**



**Kochubaby Manjooran**

**Mr. Sukumaran Nair B**, Manager – Utilities (P&U - Utilities) joined Manufacturing Department in 1984 and is retiring from P&U - Utilities department.

**Mr. Krishna Kumar P**, Sr. Manager (Benefits Admn.) joined Personnel & Administration Department in 1984 and is retiring from HR department.

**Mr. Pradeep K K**, Senior HEO/Mechanic (Maintenance) joined Maintenance Department in 1984 and is retiring from the same department.

**Mr. Pradeep Kumar T**, DGM (Quality Control) joined Laboratory Department in 1984 and is retiring from QC department.

**Mr. Paul Joseph**, DGM (Contract Safety) joined Operations Department in 1984 and is retiring from Fire & Safety department.

**Mr. Mohanlal A**, CGM (Engg. & Advisory Services), KR joined Maintenance Department in 1984 and is retiring from Engineering and Construction department.

**Mr. Unnikrishnan Nair P K**, Sr. Manager (Projects) joined Stock & Oil Movements Department in 1984 and is retiring from Projects - PDPP department.

**Mr. Narayanan K**, GM (Vigilance), KR joined Maintenance Department in 1985 and is retiring from Vigilance department.

**Dr. Kochubaby Manjooran**, Sr. Manager (Environment) joined Laboratory Department in 1985 and is retiring from HSE-Environment department.





Ramachandran S



Harikumar M S



Vijayakumar S

**Mr. Ramachandran S**, Asst. Manager (Maintenance) joined Maintenance Department in 1985 and is retiring from Maintenance department.

**Mr. Harikumar M S**, Sr. M/M Craftsman (Maintenance) joined Personnel & Administration Department in 1985 and is retiring from Maintenance department.

**Mr. Vijayakumar S**, Projects Assistant (Projects) joined Projects Department in 1986 and is retiring from the same department.

**Mr. Sivadasan A.K**, Asst. Manager (Finance) joined Accounts Department in 1986 and is retiring from Finance department.

**Mr. Philipose E**, Sr. Manager (QMS) joined Laboratory Department in 1987 and is retiring from Quality Management Systems department.

**Mr. Madhusudanan Nair K**, Manager (Quality Control) joined Laboratory Department in 1987 and is retiring from QC department.

**Ms. Girija V R**, Sr. Manager (Official Language) joined Personnel & Administration Department in 1987 and is retiring from HR department.

**Mr. Ravi M C**, Operator-A (S & OM) joined Personnel & Administration Department in 1989 and is retiring from OM&S department.

**Mr. Sreekumar M S**, Assistant Manager (Employee Relations) joined Technical Services Department in 1991 and is retiring from HR department.

**Mr. Babu Arjunan**, Secretary (Manufacturing) joined Finance & Accounts Department in 1995 and is retiring from Manufacturing department.

**Mr. Raju P A**, Assistant (Projects) joined Manufacturing Department in 1995 and is retiring from Projects department.

**Mr. Krishnadas P**, Sr. Manager (Quality Control) joined Laboratory Department in 2000 and is retiring from QC department.

**Mr. Sugathan V K**, Sr. Manager (Projects) joined Security Department in 2006 and is retiring from Projects (PDPP) department



Sivadasan A.K



Philipose E



Madhusudanan Nair K



Girija V R



Ravi MC



Sreekumar M S



Babu Arjunan



Raju P A



Krishnadas P



Sugathan V K

# Unsung HEROES

TALK TO US ON KR SOCIAL MEDIA



SALUTING OPERATORS, THE SILENT WARRIORS OF KOCHI REFINERY. CLICK ON PHOTOS TO LISTEN TO THEM



# ONE MIN



**AT HOME CHALLENGES TO SPREAD THE CHEER NOT THE VIRUS!**



**WORLD ENVIRONMENT DAY 2020**

## **OPEN TO ALL CREATIVE MINDS OF KOCHI REFINERY**

Inviting all plants and pets lovers to SEND US MOTIVATING STORIES AND HOME MADE VIDEOS on the theme. Movies can be of 60 seconds max with a brief intro. The story of one-minute read, can be in Hindi, English or Malayalam and has to be typed and sent to us with a picture of you and your hobby pets/plants.

PLEASE WHATSAPP YOUR ENTRIES TO : 9967239420  
WITH YOUR FULL NAME, DEPT & BADGE NUMBER  
on or before 30 May 2020

INTERESTING ENTRIES WILL BE SHARED ON  
KOCHI REFINERY SOCIAL MEDIA  
as part of the series planned for  
**World Environment Day 2020**



# How to use a mask?

Source: World Health Organization

## Before Putting on a Mask:

Clean hands with alcohol-based hand rub or soap and water.



## While Wearing a Mask:

- 1. Cover your mouth and nose.** Make sure there are no gaps between your face and the mask.
- 2. Avoid touching the mask.** If you do, clean your hands with alcohol-based hand rub or soap and water.
- Replace the mask with a new one as soon as it is damp. **Do not re-use single-use masks.**

Masks are effective only when used in combination with frequent hand-cleaning with alcohol-based hand rub or soap and water.

## To dispose of the mask:

- Remove the mask from behind using the strings. **Do not touch the front of mask.**
- Discard the mask **immediately** in a closed bin.
- Clean hands** with alcohol-based hand rub or soap and water.

## A COUNTRY OF MY DREAMS

Alas, I can envision  
a country of my dreams.  
Cautious and Hygienic,  
No spitting outdoors,  
No overloaded buses and local trains,  
Clean air and no pollution.  
And all it took was an invisible  
minuscule enemy to invade us.  
Confining us to rooms,  
Distancing ourselves from the social world  
Making us realise what we have is always the best.  
I hope tomorrow we never  
forget the lessons we learnt today.

Vishaka Harish  
W/o Harish R Chandran/ Projects

# START!

KOCHI REFINERY SOCIAL ART GALLERY  
Be LOVED on a new platform

JUNE  
2020

LET'S GO!

## WATER COLOURS

Artworks in landscape format only

Send your entries in landscape format WITH A BRIEF DESCRIPTION about yourself and what inspired you to create YOUR ARTWORK.

Employees : Mention your Name, Badge Number & Department

Children : Mention name, class of study, school/college and parents details as given above.

Send entries to 9967239420 by 30 May 2020.