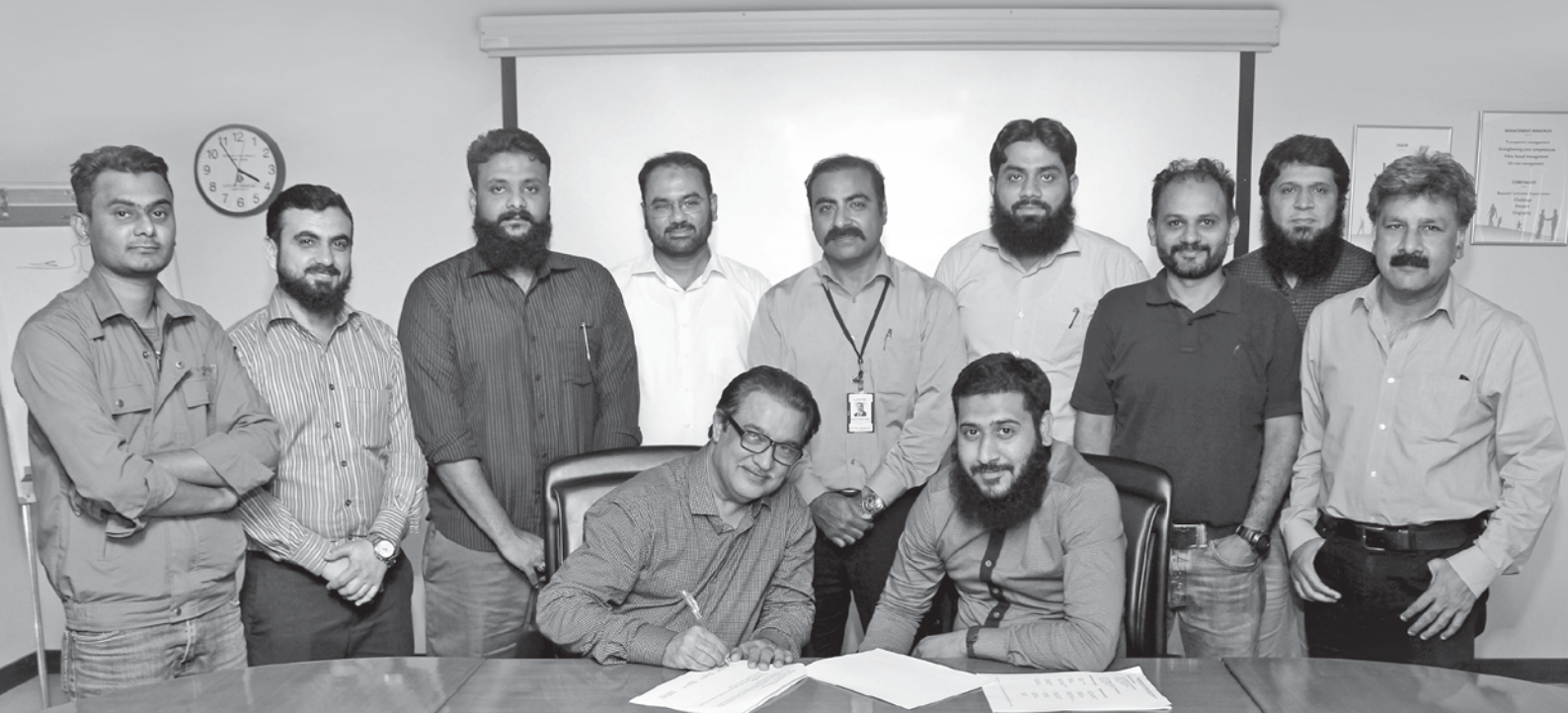


# connect



## Wage Settlement Agreement 2019-20

# Chief Executive Communication Session

Audra Long



As per LCPL's tradition, the Chief Executive Communication sessions, with both the management and non-management staff, were held on 1st March at Plant site.

Mr Humair Ijaz started the session by highlighting the key achievements of 2018 and reviewing the extent to which the targets of the previous year had been achieved. He acknowledged the hard

work and the efforts of the entire LCPL staff and discussed the brilliant financial performance of the company. He then presented and analysed the forecasted trends in the PTA and downstream market. This was followed by communicating targets for the new financial year. The session closed with questions from the participants which were addressed by Mr Humair Ijaz and Mr Sang Hyeon Lee.

## Editors' Note

We are pleased to present to you the Q1 Newsletter 2019.

The highlights of this quarter were the BOD meeting at the plant, with the new Chairman visiting LCPL for the first time; the CE Communication Session, where the objectives of the year 2019 were cascaded; Wage Settlement Agreement for non-management;

Short Shutdown January 2019; CWC National Authority team's visit; and IMS audits.

We would like to thank everyone for their contributions to this issue, and are open to feedback for improvement of future editions.

Happy Reading!

Sincerely,  
Newsletter Committee



## Chairman LCPL's Visit

Asadullah Chughtai

Mr Huh Kwang Sik, the Chairman BOD visited the plant site of Lotte Chemical Pakistan Limited on 14th February. He was accompanied by other members of the Board, Mr Mohammad Qasim Khan, Mr Istaqbal Mehdi and Mr Pervaiz Akhtar. Upon arrival the honorable guests were greeted by Mr Humair Ijaz and his management team.



After the Board meeting, a detailed presentation on the plant operations was given during which an objective discussion on some of the key ongoing issues ensued. The Chairman took keen interest in understanding the dynamics of PTA business in Pakistan and its associated challenges. Later the guests were taken on a tour of the Plant and the Control Room. Mr Huh Kwang Sik was highly impressed by the professionalism of the LCPL management team and the HSE and housekeeping standards of the site. At the end of his first visit to LCPL the Chairman planted a sapling to mark the day.



## IMS Surveillance and Certification Audits

Shuaib Iqbal

The Integrated Management System (IMS) surveillance audits for re-certification of ISO 9001:2015 and ISO 14001:2015, and a certification audit of ISO 45001:2018 were carried out from 25th to 27th March by external auditors from URS. Prior to the certification audit for ISO 45001, a gap assessment audit was also conducted by URS on 13th March to highlight areas of improvement, which were addressed accordingly.

The auditors examined relevant documents and the practical implementation of the standards in all Functions. The audit team confirmed their satisfaction with the implementation of IMS Standards at LCPL and recommended the company for the re-certification of ISO 9001 and 14001 and the certification of ISO 45001.



## Visit of CWC National Authority team

Shuaib Iqbal

Pakistan being a signatory to Chemical Weapons Convention (CWC) has a number of contractual obligations to fulfill. The CWC National Authority of Pakistan ensures implementation of the convention in the country, and as a part of its responsibilities, monitors all the chemical and pharmaceutical industries of the country processing, consuming or producing certain chemicals over the threshold set in CWC.

In order to verify an industry's declaration of the usage of these chemicals, a routine inspection is

organized by the Organization for the Prohibition of Chemical Weapons (OPCW), the international body for implementation of CWC. To prepare us for the upcoming inspection, Lt Col Khalid Aziz (Director, National Authority), Lt Col(R) Shahabuddin (Advisor National Authority), Mr Rahim Dil Khan (Technical Expert), Mr Shakir Ullah (Technical Expert) and Mr Muhammad Adnan (AM National Authority) visited LCPL Plant site on 20th February.

The team was very warmly welcomed by our management and a briefing session was arranged for them. They appreciated LCPL's commitment to HSE&S Management System and practices.



## Pit Stop for Plant Maintenance

Mohammad Sajid Khan

The Short Shutdown (SSD) of a Process plant is just like a pit stop for racing cars in a fast track race where some quick maintenance is carried out for an uninterrupted and smooth run till the next mark. The first SSD of 2019 was planned for 9 days, commencing from 21st January. At Oxidation plant, which is a central part of the PTA manufacturing facility, numerous critical jobs were planned during this downtime.

The SSD was initiated by putting the Reactor on hold followed by complete plant shutdown and subsequent plant decontamination. Decontamination of plant utilizes significant amount of caustic soda for flushing of lines and equipment before they are handed over for maintenance. Cost of caustic soda consumed during plant shutdown is one of the major contributors in the downtime variable cost for the year, thus as usual, an optimized caustic consumption was ensured during the SSD. Some of the major jobs

conducted during this SSD at Oxidation plant were Oxidation Reactor Agitator seal replacement, First Crystallizer Agitator seal and pilot shaft replacement, Off Gas Dryers desiccant replacement and Solvent DH Column Reboiler top flange leakage rectification. Most of the jobs planned for this SSD were handed over in compliance with the timeline and also executed by the maintenance teams successfully.

After nine days of downtime, plant start-up was initiated on 29th January. Everything went smoothly during plant start-up except for an unanticipated bottleneck in the form of Oxidation Reactor Agitator high amperes and abnormal sound due to which troubleshooting and consequent replacement of Agitator motor had to be carried out, delaying the start-up by almost 20 hours. This critical situation was a challenge for the Oxidation Production team to conserve the reactants prepared for Reactor start-up which could have been lost during rectification job but once again our team showed great operational skill and succeeded in saving valuable time and cost.



## Making Experience Count

Talha Nabi Dar

Tackling challenging situations through creative ideas is the defining characteristic of LCPL's personnel. One such example is the in-house refurbishment of the DH Column Reboiler channel head cover flange. The flange had developed leakage sometime before the commencement of SSD January 2019. Planned inspection of the flange during the shutdown revealed a large circumferential crack on the weld joint bonding the carbon steel flange with the duplex stainless steel channel head. In order to restore the integrity of the channel head, the Maintenance, Workshop and Inspection teams worked out a method to carry out welding repairs of the crack.

As the job was of a highly critical nature, the proposed welding procedure was shared with our third party design consultants, upon whose affirmation the repair activity was executed. The repair job was tricky, requiring superior skill and quality workmanship. Muhammad Zeeshan (Senior Welder) and Shahid Maqbool (Senior Fabricator) worked tirelessly under the supervision of Muhammad Ikram (JE Workshop), while Syed Mujahid Hussain (AE Inspection) was present at all times during the job to ensure his full support. The channel head was reinstalled after final inspection of repairs and the exchanger was successfully re-commissioned.



## Let's Upgrade!

Hamza Ahmed

Very Early Smoke Detection Apparatus (VESDA) systems are installed for monitoring of various critical electronic equipment of the plant. The VESDA installed at Rack Room required frequent maintenance, and as the system had become obsolete, sourcing the components was also a challenge for the Instrumentation team. Therefore, a team consisting of Syed Mehmood Ali (Engineer Instrumentation), Inam Ullah Khan (Technician Instrumentation) and Muhammad Umer (Technician Instrumentation) proposed an in-house upgrade for the entire VESDA panel.

The job scope included in-house designing of the mounting, routing the cables, programming the

controller and integration of the modification with the existing system. All of this seemed difficult at first, but with thorough research and careful execution, the team successfully installed the panel without any external support. With this achievement, the Instrumentation team has once again contributed towards enhancing the safety of the plant.



## Ensuring Smooth Access

Mahmood Ul Hassan Siddiqui

Accessing valves at the bottom cone of PTA Mother Liquor Filter is a routine activity which requires going through temporary scaffold. Keeping in view this requirement, the Projects team designed, fabricated, and installed a permanent structure to ensure smooth access to these valves.

The major constraints during Engineering Design were ergonomics, cost minimization and complete reversibility. Projects team utilized the rich Foster Wheeler resources available in the Registry and

met all challenges. The new structure has been kept spacious keeping in view any requirements that may arise in the future. It is also kept entirely bolted, instead of welding the joints, to allow for its dismantling during maintenance work. The structure was fabricated and erected using in-house resources and by utilizing unconsumed material, ensuring minimal expense. This modification has improved the overall layout of the plant whilst saving money that was previously being incurred due to extensive scaffolding.



## Exemplary Resolve

Muhammad Azeem

IFC controller plays the role of a bridge between field instrumentation and DCS. It manipulates all the signals received from input cards of field instrumentation and displays them on the DCS console for monitoring. Similarly, the same IFC controller manipulates all values inputted from the console and transfers them to respective output cards.

On 11th March, primary controller communication error occurred on one of the Purification IFCs which resulted in the unavailability of all process parameters and indications on DCS for about 13 minutes. During this event, all four Centrifuges along with the Dryer train

tripped. The situation could have led to a plant flush, but because of the quick response and immense efforts of the shift team comprising of Muhammad Azeem (SM Purification), Noor Nabi (SSM), Allah Dino Mahar (Senior AE Process), Abdul Jabbar Malik (AE Process), and Hassan Siddiqui (Area Operator), all tripped drives were taken in service within a short span. Quick response by Mashood Adil (SE Instrumentation) is also noteworthy in bringing the system back online in minimum possible time. Alertness and prompt actions of the team not only avoided the production loss, but also saved the plant from adverse circumstances line choking and bursting disk ruptures.



## Challenge Accepted!

Hamza Ahmed

Overhauling of control valves requires time, focus and precision. In SSD January 2019, a large number of control valves, totaling to 17, were brought to Workshop for overhauling. Umer Zareen Khan (Engineer

Instrumentation), Shujaat Ali Khan (AE Instrumentation) and Hamza Ahmed (TE Instrumentation) took this as a challenge and an opportunity to apply their skills. With their dedication and efficient management, all control valves were back in the field before the required time. The team didn't stop there but also completed preventive maintenance of more than 50 control valves in the area during the shutdown.



## Committed to Improvement

Rushana Khan

Intermixing of different lubricants is a serious concern as it can cause some of the key properties of a lubricant to be altered. The severity of consequences ranges widely, from a slight reduction of oil service life to sudden catastrophic failure of the machine. Keeping this in view, colour coding exercise was carried out in the lubrication shed by the Reliability team. 8 lubricants covering lubrication requirement of over 80 % of the machines at our plant were identified and a colour scheme was developed for them. Signboards with colour codes were placed over lubricant drums and oil transfer equipment for each lubricant were painted accordingly to the colour code. The method is an ingeniously

simple and useful technique to restrict cross contamination of lubricants due to human error.

In addition to the colour coding initiative, general housekeeping around and inside the lubrication shed was improved. Old metallic sheets of the shed were replaced and its exterior was repainted. To contain any oil spills in the shed, the spill tank was made functional. Moreover, used and new oil drums were segregated properly and floor marking was done accordingly.

Credit goes to Syed Nadeem Mehdi (Engineer Reliability) who supervised these activities and coordinated with the supporting teams, and Adnan Ahmed (Lubrication Supervisor), Muhammad Qasim, Muhammad Waqas and Salahuddin (HFC Lubricators) who worked to make these improvement actions possible.



## Reward Distribution Ceremony

M Taimour Hasnain

To appreciate the efforts and hard work of employees, TPM and TTC organized a Reward Distribution Ceremony on 8th February. Mr Humair Ijaz graced the event as chief guest along with Mr Tariq Nazir Virk, Mr Sang Hyeon Lee, Mr Kee Seo Park and Mr Kyoungmo Cho. A total of 56 employees were rewarded under Suggestions & Reward System (SRS), Internal Faculty Recognition Programme (IFRP), and Job Qualifying Programme (JQP).

Autonomous Maintenance Block 3 final results were also announced in the ceremony. The ranking is as follows:

1. SGT D1 (Asad Hayat / Sammar Mazhar)



2. SGT C2 (Farhan Sagheer / Umair Siddiqui)  
3. SGT C1 (Noor Nabi / Sohail Akram)

Last but not the least, a special award of CE Best Audit 2018 was given to Muhammad Sajid Khan.



## TNA 2019

Syed Wajahat Ali

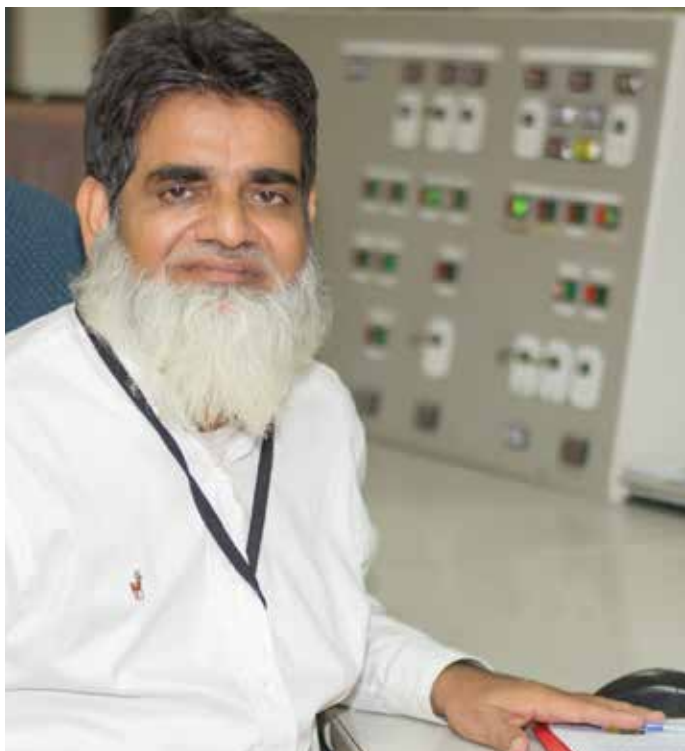
Technical Training Center conducted the Training Need Analysis (TNA) 2019 with Engineering, Production, Technical, HR & IT, Finance and Commercial departments.

The objective was to identify the HSE and technical training requirements of their respective staff. All departments coordinated well for timely completion of the exercise and preparation of training plans.



## Lotte Journey of Syed Mohammad Farooq

Asad Hayat



Syed Mohammad Farooq is currently working as Senior Assistant Manager Process at Oxidation plant. He is one of the few who joined the company during the commissioning phase in February 1997 and has been associated with company for more than 22 years now. Prior to his joining he had worked

with National Refinery Limited, Union Texas Pakistan, Ibn Zahr Petrochemical Saudi Arabia and Kuwait National Petroleum Corporation.

The Company appointed him in grade A1 at Oxidation Plant but he soon became recognized as a veteran of the processing unit through his dedication towards improvement of process. He actively participated in pre-commissioning and operation of Oxidation Plant in its nascent years. During the DCS upgrading project in 2013, he was a representative from Oxidation plant. He has trained several DCS Boardmen, Area Operators, and Apprentices. Muhammad Farooq often works in a dual role, both as a Boardman and as a Shift Manager Oxidation depending on organizational requirements.

It is well known that success is not an accident; breakthroughs come after tons of hard work and dedication which is evident in every contribution Muhammad Farooq has made so far. Syed Mohammad Farooq shares his thoughts:

“I have worked in top industries both inside the country and abroad, but the organizational setup of LCPL is marvelous and I have learned a lot here. Of all my experiences here, I will never forget the team building events of Turkey, Malaysia and northern areas of Pakistan.”

LCPL appreciates his dedication and wishes him more success and prosperity in the years to come.

## Challenging the Usual

Shoaib Mumtaz Adhami & Yasir Ahmad Shaikh

Instrument Air is a vital utility required for smooth plant operation. A major step after the compression of air is to pass it through Instrument Air Dryers to remove any moisture content. An important parameter monitored during the drying process is dew point. The lower the dew point, the higher is the moisture removal from instrument air, and thus the higher is the efficiency. For some time lately, the dew point of the Dryers was being observed to be on the high side, implying that desiccant of both Dryers was in need of replacement.

Instead of procuring new desiccant, Technical and Production teams jointly planned to use the surplus desiccant from Oxidation Plant. On 13th March, the desiccant replacement activity was commenced by first removing the existing media, followed by refilling with new desiccant. Normally, the duration of this activity is around 2 to 3 days, but this time around it was successfully carried out in one day, due to the dedicated efforts of Zahid Iqbal (Senior AM Process - Utilities). The efforts of both Technical and Production teams are worthy of appreciation in pursuing a cost effective and efficient alternative, and completing the activity in much less time than usual.



## Effective Vent Scrubbing

Mahmood Ul Hassan & Talal Ayaz

The Mop assembly above CTA Hopper is designed to scrub out CTA dust, however over the years its efficiency has decreased. The inability to effectively scrub out dust from the vent often results in CTA ingress in Gas Turbine Inlet Air Filters. This dust leads to premature choking of those filters and a decrease in GTG efficiency.

A new scrubbing assembly was designed and fabricated to help resolve this chronic issue. Limited

space at the Hopper top, accumulated dust and the plastic body of the scrubber were some of the major obstacles in executing any design changes. The Projects team rose up to the challenge and designed an assembly that met all these aspects. It was independently supported without loading the plastic body of scrubber. The assembly was designed to fit inside the circular body of scrubber, ensuring effective spraying and was kept completely reversible for future removal during maintenance of the system. The system was commissioned after shutdown in January 2019 and has since been serving its purpose in effectively preventing CTA dust from escaping into the atmosphere.



## Downtime Avoided

Arsalan Ahmed

On 15th January, the feed control trip valve of one of the Pressure Centrifuges became problematic and could not be operated from DCS. As a temporary measure, Shift Instrument Technician by passed the valve as not much could be done online without risking tripping of the Centrifuge.

Next day in the morning shift, Purification plant Production team suggested to take a shot at online rectification of the valve, and detailed process and equipment safety analysis was done prior to taking up this challenge. Arsalan Ahmed (SM Purification) and Hamid Nasir (Area Operator) ensured constant supervision and continuous monitoring in the area; mean while the Instrumentation team led by Asif Farooqui (AE Instrumentation)

removed, rectified, and refitted the valve online through precise control. Continuous coordination was maintained with the DCS Boardman during the whole process and the team was able to avoid machine downtime.



## Building Confidence through Coherent Efforts

Muhammad Osama Bin Shakeel

The Electrical team at LCPL has always demonstrated proactive approach to resolving critical situations. Among the significant activities carried out this quarter was the installation of Variable Speed Drive (VSD) at CTA Dryer Feed Screw in SSD January 2019. In house installation and configuration of this VSD with minimal resources was a challenging task.

The entire job was completed within the limited time frame of the SSD through the coordinated efforts of Muhammad Safwan Khan (AM Electrical), Muhammad Osama Bin Shakeel (TE Electrical), Imranullah Khan (Engineer Reliability), Hassan Kazmi (AE Electrical) and Adnan Hyder (JE Electrical). Successful execution of the job has added yet another achievement to Electrical team's list of accomplishments.



## Showcasing Operational Excellence

Asad Hayat

The transformation of raw materials into CTA takes place in the Oxidation Reactor, after which the product is passed through a series of three Crystallizers to achieve the desired particle size of the product.

The slurry level in Crystallizers is one of the most vital controlling parameters and radioactive type level transmitters are installed for its fine monitoring. On 16th February, level indication of the First CTA Crystallizer became unavailable due to malfunctioning of level transmitter. This left the Oxidation plant Operations team in a difficult situation, as the unstable control of Crystallizer level can badly affect the quality of product and lead to tripping of Oxidation Plant as well.

At this moment, Asad Hayat (Senior Shift Manager) and Liaquat Khan (AM Process) promptly assessed the situation and decided to operate the plant manually without level indication until the trouble was resolved. This was a shaky condition that required very vigilant operation from the Boardman as there was no margin for error otherwise product loss could have occurred. The Instrumentation team was immediately lined up and Khalid Ashraf (Instrumentation Technician) quickly assessed the fault. It took more than 5 hours to troubleshoot and resolve the problem and during this time Oxidation team depicted great operational excellence in maintaining the Crystallizer level manually.

The problem could have resulted in a bigger upset in the form of production loss or damage to the Crystallizer's agitator but the response of the Operations team with a cautious approach towards safe running of the plant, combined with the prompt support of Instrumentation team, ensured that plant operation remained smooth that day.



## Beautiful Bhurban

Aiser Javed, Umair Siddiqui & Shoaib Adhami



A group of 24 Lotte employees went on a team building journey from 22nd to 25th of December 2018.

The team gathered at Karachi airport on day 1, and two hours, a smooth flight and several cups of tea later we were at the Islamabad airport, from where we reached Bhurban via road. We then had lunch together at PC Bhurban followed by a group activity, where the teams acted out Lotte's core values. The session was facilitated by Arif Hussain who kept the attendees engaged throughout. We later visited the famous Mall Road of Murree and ended the day on a high note.

Early next morning we went to Patraita, and rode the famed chair lifts and cable cars. At the top, we participated in some activities led by Arif Hussain. A test of coherence, teamwork and leadership was in order as we danced, jumped and hopped our way through various tasks. The evening was reserved for cricket at our hotel and despite the freezing cold everyone enjoyed the match.



The adventure continued on day 3 with Nathia Gali as our next stop. As we crossed the provincial border from Punjab to KPK, the snow grew thicker and the weather colder. The path was set, everyone was geared up and off we went hiking through the snow for an hour long trek up the hill. A few hours later, on our last night in Bhurban, we enjoyed a melodious Ghazal and Qawwali night.

The final day had us exploring Islamabad. We visited the Pakistan Monument followed by a visit to the Heritage Museum, and finally went to Faisal Mosque for Zuhr prayers. For lunch we had the famous pizza from Tehzeeb Bakers and reached the airport in time for our flight back home.

The Team Building event was flawlessly planned by HR and Admin team and the incredible coordination among the participants made it a success. Arif Hussain led the team exceptionally well; while Shoaib Adhami, Bilal Javed, Tariq Usmani and Arshad Ali Khan joined hands with him in facilitating the team. The entire experience will be etched in our memories for a long time.



## Wage Settlement Agreement 2019-2020

Syed Hameed Hussain Shah



Wage settlement for the year 2019 - 2020 between LCPL Workers' Union and the Lotte Management was amicably concluded on 15th March against workers' Charter of Demands. The impact

of settlement will be positive on the overall environment and contribute in reinforcing the relationship between non management and management staff.

## Eye Screening Camp

Ahmed Ali Abedi

A free eye screening camp was organized on 27th March by LCPL volunteers at Haji Jangi Khan Goth, Ghaggar Phatak, in Port Qasim area. A large number of patients visited the camp and were also provided with required medicines. In addition to this, doctors recommended surgery for 45 cataract patients. LCPL will bear complete expenses for surgery, hospitalization, and commutation of these patients.



## Winning Exhibition Budgerigars Gala

Syed Nadeem Mehdi

Keeping birds has been my passion for over 20 years. I started my hobby with common budgerigars, finches, cocktails, African greys, Indian ring necks, Rosella parrots, and many more. For the last two years my interest has diverted towards exhibition budgerigars. The Karachi Budgerigars Club announced a show competition on 6th January 2019, which was to be judged by the European champion Mr Daniel Lutolf from Switzerland through video link. Top fanciers from Karachi participated.

The show consisted of four different classes, namely, exhibition birds, exhibition crested, rare variety birds and Japanese Hagaromo. All competitors were allowed to bring five birds individually. In total, there were 80 birds in the competition.

The competition started from Exhibition class, which was won by my Cinnamon Grey budgie. The winners



of all four classes were again judged to decide the winner of the competition.

I was really surprised that my bird was selected by Mr Lutolf as the best bird of the gala. The prize was a bird from the stock of his own winning bird, which I recently received all the way from Switzerland.

## Taking the Right Decision

Aiser Javed

The purpose of the Cogeneration plant is to ensure uninterrupted supply of electricity and steam for PTA manufacturing process. On the night of 21st January, the shutdown of Base plant was planned, and to execute it smoothly we needed continuous electricity and steam supply. However, the power supply from K-Electric had multiple disruptions that day because of high humidity due to rain. To avoid tripping of drives due to voltage fluctuation, GTG was put on Island mode, which meant the Base plant's power was now being fed by GTG alone.

To further complicate the situation, the pressure differential of Inlet Air Filters of GTG rapidly increased due to choking and reached very close to its tripping value. In this power scenario, tripping of GTG could

have resulted in a complete blackout. The margins for continuous operation of GTG were extremely slim. This was also a unique problem as both operational modes of GTG (Droop and Island) were rendered unreliable simultaneously. Committed to giving their absolute best in every situation, the CoGen Production team responded appropriately.

A decision was taken to quickly start CoGen's Instrument Air Compressor. This increased the purging air pressure to Inlet Air Filters, which helped in de-choking the filters. As a result, the pressure differential of Inlet Air Filters was brought within the safe operating range, giving GTG enough margin to safely run through the night and allowing us to shutdown the Base plant safely. Umair Bhatti (SSM), Aiser Javed (SM CoGen), Syed Aly Hassan (DCS Boardman - CoGen), Haris Khan (Area Operator - CoGen) and Shaikh Usama (Apprentice - CoGen) were at the forefront of this critical activity.



## Safety - The Top Priority

Hamza Ahmed

Safety has always been the top priority of plant personnel and continuous measures are taken to improve our safety related systems. This quarter, installation of a new fire system in LCPL Camp Area

was carried out to enhance area monitoring. The team, led by Syed Mehmood Ali (Engineer Instrumentation) along with Muhammad Khaliq (AE Instrumentation) and Inam Ullah Khan (Instrumentation Technician) directed their efforts toward in-house designing, procurement and execution of this modification. The fire alarm monitoring of the zone is now fully operational.



## TTC Round Up

Syed Wajahat Ali

The Technical Training Centre organised the following in-house training sessions during the first quarter of 2019:



### Behavior Based Safety

Tariq Mehdi (Workshop & Site Development Manager) conducted a full day session on Behavior Based Safety on 19th February. The training content focused on further improving the HSE culture within the company by helping employees identify and choose a safe behavior over an unsafe one.

### Hazard Identification and Risk Assessment

Sohail Abbas (Process Engineering Manager) conducted this valuable training on 27th and 28th February, which was specifically organized for those involved in Hazard Identification and Risk Assessment in their respective areas. The participants took an active interest in the session.



### Introduction to DCS

Amir Azam (Manager Instrumentation and E&I Reliability) facilitated a training session on Distributed Control Systems on 22nd March. The training content focused on various types of DSC systems, different control schemes, and troubleshooting of common problems that arise during DCS operations.



## Reliability Enhancement

Hamza Ahmed

All the waste sludge of Effluent Treatment Plant (ETP) is finally separated by Sludge Centrifuges, so when a Centrifuge is unavailable, the effluent treatment capability of the plant is compromised. The control panels of Centrifuges were located in an area where they were exposed to water, sludge, and adverse weather conditions. This

meant that there were frequent malfunctions of the panel.

The Instrumentation team therefore decided to relocate the panel to a more suitable place. Abdullah Bin Azhar (AM Instrumentation), Hamza Ahmed (TE Instrumentation), Abdul Khaliq (AE Instrumentation), Taufeeq Ahmed (Instrumentation Technician) and Haseeb Ahmed (Instrumentation Technician) planned and executed the job. The Centrifuges have been operating smoothly ever since.



## Hajj and Car Balloting 2019

Syed Hameed Hussain Shah

As part of the Company's commitment to providing Hajj and Car assistance to eligible non management employees, a balloting was held at Recreation Hall on 22nd March. The successful candidates of Hajj balloting were Waqas Ali, M Junaid Khan and Farrukh Shahzad while those of car assistance were Syed Sheraz Ali and Waqas Ali.

Syed Sheraz Ali and Syed Jawwad Hyder were selected as standby candidates for Hajj and car assistance, respectively.





## Online Rectification

Hamza Shahbaz



The Heat Recovery Steam Generator (HRSG) is an essential system at CoGen plant that ensures uninterrupted steam supply to base plant.

On 7th February, a huge variation was observed in the HRSG Steam Drum level and Boiler Feed Water flow. Upon inspection in the area it was found that the Steam Drum Level Control Valve (LCV) positioner was dislodged from its mounting, hindering the operation of the valve. Initially some online tuning and calibration was performed but the issue remained as such.

Next step would have been to shut down the HRSG for LCV rectification, but it would have required an outage of minimum 3 hours. The team consisting of Muhammad Sohail Akram (SM CoGen), Sabir Ali (Senior AE Process), Saad Ghafoor (SE Process), Abdullah Bin Azhar (AM Instrumentation) and Abdul Khaliq (AE Instrumentation) started brainstorming for alternate options. It was decided to perform online servicing of the valve within the safe limits of Steam Drum level to avoid HRSG tripping on high / low level. Servicing was safely performed by the team, preventing steam outage from CoGen plant. Their efforts and out of the box thinking is appreciated.

## Seizing the Opportunity

Taha Ahmed Siddiqui

The Maintenance team treats every planned outage as an opportunity that contributes towards smooth plant operation and enhanced plant reliability. One such opportunity presented itself in the form of SSD January 2019. The Purification Maintenance team planned all the important jobs before the start of the outage, and accordingly executed all them with full commit-

ment during the shutdown. Major activities were planned around Crystallizer Agitators, PTA Dryer, Feed Hopper and Scrubber Mop, and Centrifuges.

Efforts of Muhammad Saleem (Engineer Mechanical), Shabbir Hussain (SE Mechanical), Irfan Siddiqui (SE Mechanical), Sohail Javed (SE Mechanical), Junaid Khan (Mechanical Technician) and Altaf Khan (Mechanical Technician) are praiseworthy, who ensured that every task was taken care of at the right time and in the right manner.



## Best Maintenance Practices

Talha Nabi Dar

With the maintenance activity planned on Conveyor of PTA Dryer in SSD January 2019, it was decided to inspect the Dryer as well. In addition to Dryer inspection, leak testing of its steam chest manifold was also performed owing to its. Three leakages from the steam chest manifold weld joints were observed while cracks were also found on the

hanger bearing support which could have caused accelerated wear of the hanger bearing in the long run. Both these critical defects were addressed by Fabrication team and inspection of repaired locations was carried out post repairs.

The efforts of Sohail (Senior Welder), Syed Mujahid Hussain (AE Inspection) and Ayaz Ahmed Minhas (NDT Inspector) are appreciated who identified and helped restore the health of Dryer to ensure its flawless run for the upcoming months.



## Implementation of LWR Database

Raja Abdullah Khan

As an initiative of the Planning team the Late Work Request (LWR) database was developed with the help of the IT team. The idea was to improve the process of initiating, approving and tracking of late work requests for overhauls and short shutdowns. The previous process involved a

hardcopy form that had to be circulated physically for approvals. Besides streamlining the whole process, the database has taken us one step closer to a paperless environment.

The database was given its first trial during the Short Shutdown in January 2019. The feedback received will be used to make it even more effective for the preparation and execution of the upcoming overhaul.



## Continuous Monitoring, Better Results

Hamza Ahmed

Continuous and smooth operation of the plant is something that we all are committed to. Swift action was taken by Umair Aleem (AM Instrumentation), Asif Farooqui (AE Instrumentation), Abdul Wahab (Instrumentation Technician) and Salman Ahmed (Instrumentation Apprentice) when real time temperature reading of Pressure Centrifuge bearing was needed on DCS.

Previously, due to unavailability of temperature indication, the margin for preemptive measures to prevent machine trips was limited. The team installed an entire loop and programmed the warning system on DCS, making it possible for Boardmen to take timely action against any disturbance in readings. This modification has resulted in improved reliability of the Centrifuges.



## Timely Action in a Challenging Situation

Sabih Ahmad

In the early morning hours of 13th March during shift changeover, Area Operator reported a minor leakage from the level glass of a vessel in Condensate Recovery area.

As soon as Hamza Ahmed (Boiler Area Operator) reached the first platform to isolate the Level Glass (LG), the leakage worsened and a lot of steam and condensate started coming out of the LG. From his position, he was unable to access the valve to isolate

it. Iqbal Awais (SM Utilities) immediately reached the location with Zahid Iqbal (Boiler Area Operator) to supervise the isolation job.

Carrying out isolation was not easy due to the lack of proper access and presence of steam. Zahid Iqbal took the job as a challenge and successfully completed it while wearing a PVC suit. The timely action prevented a potential safety incident, thus maintaining the high safety standard set at LCPL.



## Breakfast at Plant



## Quotes

- It's fine to celebrate success but it is more important to heed the lessons of failure.

Bill Gates

- Great things in business are never done by one person. They are done by a team of people.

Steve Job



# Spring Flowers Bloom at LCPL



Mr. Humair Ijaz and Mr. Raja Waheed Ullah Khan along with Admin and Gardening Team

*"A flower does not think competing with the flower next to it. It just blooms"*



# Long Service Award Recipients



**Waseem Ahmed Siddiqui** completed 20 years of service on 21st March 2019. He joined the company on 22nd March 1999 and is presently working as Manager Shares & Secretarial.



**Muhammad Zain Siddiqui** completed 10 years of service on 1st February 2019. He joined the company on 2nd February 2009 and is presently working as Purchase Manager.

## Farewell to Friends

## Good Luck!



Farewell of Ms. Shazia Siddiqui AM Training & Recruitment.

شاندار مالیاتی کارکردگی پر تبادلہ خیال کیا۔ بعد ازاں انہوں نے PTA میں مستقبل کے اتار چڑھاؤ اور مارکیٹ کی صورتحال سے متعلق اپنا جائزہ بھی پیش کیا۔ اپنے خطاب میں انہوں نے نئے مالی سال کے لیے مرتب کردہ اہداف سے متعلق بھی شرکاء کو آگاہ کیا۔ اس سیشن کا اختتام شرکاء کی جانب سے سوالات سے ہوا، جس میں جناب حمیرا اعجاز اور جناب سانگ ہیون لی نے تسلی بخش جوابات دیئے اور اپنے خیالات کا اظہار کیا۔

کمپنی کی روایت کے مطابق انتظامی اور غیر انتظامی ملازمین کے ساتھ یکم مارچ کو پلانٹ سائٹ پر چیف ایگزیکٹو کیونٹیکیشن سیشن کا اہتمام کیا گیا تھا۔

جناب حمیرا اعجاز صاحب نے سیشن کے آغاز میں 2018 کی اہم کامیابیوں پر روشنی ڈالتے ہوئے گزشتہ سال کے اہداف میں کامیابی کی سطح اور حصول پر بات چیت کی۔ انہوں نے اپنے خطاب میں پورے LCPL کے ملازمین کی انتھک محنت کو تسلیم کرتے ہوئے اظہار تشکر کیا اور مجموعی طور پر کمپنی کی



آنکھوں کے علاج کا مفت کیمپ

احمد علی عابدی

مریضوں کی بڑی تعداد آنکھوں کے علاج کے لیے پہنچی۔ جنہیں مطلوبہ ادویات بھی دی گئیں۔ اس کے ساتھ 45 مریضوں کو آپریشن تجویز کیا گیا۔ LCPL ان 45 مریضوں کے آنکھوں کے آپریشن میں ہونے والے اخراجات، آمدورفت اور ہسپتال کے اخراجات برداشت کرے گی۔

27 مارچ 2019 کو LCPL کے رضا کاروں کی جانب سے بن قاسم کے علاقے میں گھگھر پھیانک کے قریب حاجی جنگلی خان گوٹھ میں آنکھوں کے مفت کیمپ کا اہتمام کیا گیا۔ اس کیمپ میں



# connect



## ملازمین کے لئے مراعات کا تعین برائے 2019-20

سید حمید حسین شاہ



LCPL کی انتظامیہ اور CBA ٹیم کے درمیان مراعات سے متعلق تصفیہ کا معاہدے 15 مارچ 2019 کو خوش اصولوں سے طے پایا جس میں ملازمین کے مطالبات کو تسلیم کیا گیا۔ ان کے تقاضات کو حل کرنے سے کمپنی کی مجموعی صورتحال پر مثبت اثرات مرتب ہوں گے اور انتظامیہ اور ملازمین کے درمیان تعلقات میں مزید بہتری آئے گی۔

کسی بھی کمپنی کی ترقی اور خوشحالی میں بہترین صنعتی تعلقات اہم کردار ادا کرتے ہیں۔ ہماری انتظامیہ اپنے ملازمین کو قدر کی نگاہ سے دیکھتی ہے اور باہمی تعلقات اور احترام کے اعلیٰ معیار کو برقرار رکھنے ہوئے ملازمین کے مفادات کا تحفظ کرتی ہے۔

مراعات سے متعلق یہ معاہدہ یکم جنوری 2019 سے 31 دسمبر 2020 کے لیے نافذ العمل ہوگا۔