

|Q3|2018|

# connect

## PICNIC AT SUNWAY LAGOON



## CE Session

Celestia Henry



The 2nd CE Communication Session for the year was held on 7th August 2018 at LCPL plant site. The event was attended by both the management and non-management employees in huge numbers. The session was arranged to collectively review the yearly objectives and year-to-date performance against those objectives, with the opportunity of open communication and discussion.

Mr. Humair Ijaz commenced the session with congratulating and appreciating the entire LCPL family on the successful completion of 20 years of Commercial Production. As a token of appreciation, he dedicated a video to all LCPL staff covering the journey from being ICI to LCPL.

Going through the key objectives for the year 2018, Mr. Ijaz shared his pleasure and gratitude on staying at par and beyond in achieving all the objectives set for the year. Comparative financial results were discussed along with the current PTA market trend and future possibilities. He openly acknowledged the teamwork and dedication for the excellence of

every single member of the Company as key reasons behind this accomplishment. He also shared the recent developments in new business ventures forum and on the project of contributing excess electricity to the national grid.

Following this, Mr. Ijaz invited questions and suggestions for improvement and ideas for new business ventures, and satisfactorily explained why certain ideas were not feasible in line with the current situation. At the end of session, a cake cutting ceremony was held to celebrate 20 years of commercial production.



## Editor's Note

Dear Readers,

We are pleased to present you the Newsletter Q3 of 2018.

With much delight, we share with you all an eventful quarter. We firstly applaud on the successful completion of 20 years of commercial production; moving to the many interactive activities that carried throughout the quarter starting from the

encouraging CE session, movie show entertainment, mango party, table tennis tournament and many other training and learning events. All in all, this quarter has been very interactive for all employees.

We are grateful to everyone for the contributions for their write-ups for this edition and also thank the readers for taking the time out to read our newsletter. Please feel free to share your views, suggestions or new stories for the next editions.

Happy Reading!

Sincerely,  
Newsletter Committee



## Korean Ambassador's Visit

Asadullah Chughtai

His Excellency Mr Kwak Sung Kyu, Ambassador of the Republic of South Korea, visited our Plant site on 11th September 2018. He was accompanied by Mr Park Bong Su, Consul General of the Republic of Korea based at Karachi and other team members. The honourable guests were greeted at site by Mr Humair Ijaz and his management team. After a detailed presentation on the plant operations and objective discussion on some of the on-going issues, the guests were taken around on a plant tour.

At the culmination of the tour, the honourable guest also planted a sapling of Sapota (Chikoo) tree to mark the visit. Mr Kwak Sung Kyu was highly impressed by the efficiency of the LCPL management and the HSE standards being maintained at site.



He remarked on the visitor's book:

"I believe Lotte Chemical Pakistan Ltd is a symbol of co-prosperity between Pakistan and Korea. I also wish Lotte Chemical continued and sustainable prosperity in the future".



## 15th Annual Environmental Excellence Award 2018

Shuaib Iqbal

LCPL was awarded the 15th Annual Environmental Excellence Award on 17th July 2018 at an award ceremony organized by the National Forum for Environment & Health (NFEH) at Marriott Hotel Karachi. The evaluation was carried out by an independent panel of NFEH governing body, and LCPL was among the top 10 award receiving organizations. Umair Khalid (HSE & Technical Training Manager) received this prestigious award on the company's behalf. Mr Jameel Yousuf (Ex. Caretaker Minister of Sindh for Information, Climate Change & Law) graced the ceremony as chief guest.

Protecting the environment and preserving natural resources has always remained a top priority under HSE&S challenge programs. Lowering environmental burdens, reducing gaseous emissions, recycling

the solid wastes, conservation of natural resources, conservation of flora and ecosystem management are important environmental objectives of LCPL.



## Reward Distribution Ceremony

Wajahat Ali & Taimour Hasnain

The TPM and Training departments organized a Reward Distribution Ceremony on 6th July 2018 to honor the efforts of employees who displayed motivation at various levels by taking initiatives. Mr Humair Ijaz graced the event as chief guest along with Mr Park, Mr Tariq Nazir Virk and Mr Kyo-ungmo Cho.

Employees were rewarded for their contributions under the following schemes:

- Suggestion and Reward System (SRS) - 23 employees
- Internal Faculty Recognition Program (IFRP) - 31 employees
- Job Qualifying Program (JQP) - 12 employees



## Best Corporate & Sustainability Award 2017

Audra Long

The Institute of Chartered Accountants of Pakistan (ICAP) and Institute of Cost and Management Accountant of Pakistan (ICMAP) jointly organized the Best Corporate and Sustainability Report 2017 (BCSR) Awards at Movenpick hotel, Karachi, on Tuesday 7th August 2018.

Mr. Tariq Hassan, Chairman Audit Oversight Board, Mr. Richard Morin, CEO Pakistan Stock Exchange Limited and Dr. Zeeshan Ahmed, Dean of Karachi School of Business Leadership were the Guest of Honor.

Our Company proudly received the Fourth Award for the year 2017, in the Chemical and Pharmaceuticals category. Mr. Tariq Bin Qasim, Manager Tax and Insurance, received the Award on behalf of the Company.

Lotte has been winning the Best Corporate & Sustainability Report Award since the last couple of years for providing comprehensive explanation of its business performance. With its effective and transparent

reporting, Lotte has been able to maintain accountability to its shareholders, and instill a sense of continuous improvement in its employees. LCPL has always resulted in a positive impact, enhancing employee engagement and the overall interaction of all functions with each other, and therefore we expect such enthusiastic participation in future as well.



## Taking Initiative is a Form of Self-empowerment

Osama Bin Shakeel

Process Air Compressor is one of the most critical machines at Lotte, and its smooth operation is absolutely necessary for the production of PTA. We recently faced a tripping on PAC due to old version of firmware Excitation Unit. In order to resolve the issue, an in-house initiative was taken by the Electrical team to upgrade its firmware. This was not an easy task and required a lot of effort and expertise to do it independently without vendor support.

A team consisting of Syed Raza Anis (DM Electrical), Muhammad Safwan Khan (AM Electrical) and Muhammad Osama Bin Shakeel (TE Electrical) accepted the challenge and after thoroughly analyzing the scope of work, took necessary actions to get the firmware upgraded. Consequently, the reliability of the compressor was restored, for which the efforts of the team are highly praiseworthy.



## Visit of LOTTE HQ SHE Project Team

Shuaib Iqbal

Lotte Headquarter SHE Project team visited LCPL plant site on 12th September 2018 with an objective to carry out HSE audit and to identify the areas of improvements.

The Lotte HQ SHE Project team lead by Mr. Hang Sang Dai & supported by Mr. Yoon Sang won and Mr. Kim Jin Hyun was warmly welcomed at plant by Mr Sang Hyeon Lee (Director), Mr Kyoungmo Cho (General Manager), Mr Tariq N Virk (GM Manufacturing), Mr Syed Masood Ul Hassan (Production Manager), Mr. Adnan Ul Haque (Technical Manager), Col Asadullah Chughtai (General Affairs & Security Manager), and Mr Umair Khalid (HSE & Technical Training Manager).

Mr. Tariq N Virk briefed the Lotte HQ SHE project team on current HSE&S Practices implemented at LCPL and key issues being faced by the organization at the manufacturing site. Later the team moved to Plant for area audit, accompanied by Mr Sang Hyeon Lee, Mr Kyoungmo Cho, all relevant section heads & area owners visited. The team also, witnessed the "Fire & Medical Emergency Response Drill" being conducted at LCPL plant site.

They have highlighted several improvements to our existing HSE&S system, which will help us in further improving our safety standards.



## Eye Screening Medical Camp at Akbar Jokhio Goth

Bilal Javed

A free medical eye camp was organized on 25th Sep 2018 by LCPL volunteers at Akbar Jokhio Goth, Dhabejee in Port Qasim area. A large number of patients visited the camp for their Eye Screening. After checkups, doctors recommended surgery of 31

cases on priority basis. Free medicines were also distributed to the patients. LCPL successfully organized this free camp with complete arrangements of hospitalization, surgery expenses and commutation from village to hospital for patients.



## Fault Diagnosis & Rectification

Talha Nabi Dar

The Oxidation Maintenance team was recently faced with the issue of feed end seal drum bolts dislodging of the new CTA Dryer. It was therefore decided to perform a comprehensive maintenance activity on the seal drum before its health worsened. After exhaustive correspondence with the equipment OEM, the problem was identified to be due to misalignment of feed screw conveyor with the seal drum. Rectification activity was planned accordingly.

The job was executed under the supervision of Neo-

techs Field Service Representative, and included replacement of the existing seal drum bolts with those in superior metallurgy, runout adjustment of the seal drum, clearance verification of the screw conveyor and alignment of conveyor with the seal drum. Dedicated support was also provided by the Workshop team throughout the activity.

The bolts dislodging issue was successfully resolved after the maintenance job, all because of the valued efforts of Muhammad Shoaib (Engineer Maintenance), Mansoor Alam (Engineer Workshop), Tariq Patel (SE Mechanical) and Sohail Javed (SE Mechanical). Thumbs up to the team for overcoming yet another critical obstacle!



## Prompt Decision Saves the Day

Jahanzaib Ali

A continuous supply of power to the plant is vital for smooth operation, and any power related emergency therefore requires a quick response from the team.

On 12th August 2018, power frequency variations were observed on KE line 2. The situation demanded prompt decision making to sustain the power supply to critical drives. After discussion with Jahanzaib Ali (Shift Manager Utilities), Asad Hayat (Senior Shift Manager) decided to shift the critical Plant load

from KE line 2 to Emergency Generators with the support of Mushtaq Ahmed (AE Electrical) and Muhammad Younus (Generators Area Operator). This proactive action proved fruitful as KE line 2 power failed soon after the power source shifting.

Production loss was avoided through the well-coordinated efforts and synergy of the team, and once again, the shift team saved the day by thinking on their feet.





## Autonomous Maintenance Block 3 Mid Year Audit

Taimour Hasnain

Mid year performance assessment of Small Group Teams (SGTs) for Block 3 was carried out on 9th August 2018 by TPM audit committee comprising of all HODs, Mr Cho, Plant Managers, Section Heads and the TPM team. The objective was to evaluate the implementation of Autonomous Maintenance (AM) on individual plant equipment and the overall condition of the Block.

Implementation of AM on LCPL plant site served to be a common goal both for the company as well as its employees, and numerous field activities were carried out throughout AM Block 3 by the SGTs.

Visible improvements have been achieved in plant areas and several problems have been resolved by SGTs, which shows their commitment towards plant improvement.



## Rising to the Challenge

Taha Ahmed Siddiqui

Right before the commencement of the August 2018 Short Shutdown, a problem was observed in the Third PTA Crystallizer's agitator. Maintenance activities of similarly extensive job scope are generally carried out during plant overhauls as they require intensive manpower and material resources.

The team reacted quickly to the emergency. Major re-allocation of Shutdown resources was carried out diligently with all the contingencies quickly planned to ensure the restoration of the agitator within the timeframe of the SSD. Realizing the responsibility that rested on their shoulders, the team made every possible effort to make sure the activity continued uninterrupted.

A remarkable dedication was displayed by Muhammad Saleem (Engineer Mechanical), Syed Nadeem Mehdi (Engineer Mechanical), Shabbir Hussain (SE Mechanical) and Altaf Khan (Mechanical Technician), along with the rest of the Purification Maintenance team and contract staff, who delivered quality

results in line with LCPL's best practices. Through unhindered efforts, the team not only managed to restore the agitator back to working condition, but also evaded an extended outage by completing the job within the SSD timeframe.



## Revitalizing Operational Excellence

Aiser Javed



The continuous operation of Gas Turbine Generator (GTG) ensures LCPL's self-sufficiency in supplying electrical power to its base plant; it reduces the variable cost and maximizes plant's overall productivity. However, the start-up of GTG after an outage is a critical activity in terms of cost as well. It involves running a heavy duty compressor for an extended period of time on imported power from K-Electric.

On 17th August 2018, the CoGen team opted for a different route which saved this added expense. The Natural Gas Booster Compressor (NGBC-A) provides pressurized fuel gas for combustion. Instead of running NGBC-A on imported power, the CoGen team utilized the reserve gas available in the Natural Gas Buffer Vessel. This calculated risk paid off as the reserve gas was sufficient to catalyse the start-up process. Once the turbine was on full speed and had no load on it, NGBC-A was quickly started just minutes before electrical power generation was to begin.

The Turbine was then quickly ramped up to support the plant's existing power load. This not only helped in saving the imported power cost but also evaded the fixed cost that appears in K-Electric bill. It was a collective team effort led by Shift Managers Waqas Hameed, Sammar Mazhar and Hafiz Sohail Akram along with Boardman Syed Aly Hassan and Area Operator Haris Khan. This act of vigilance and farsightedness showcases the crux of principles on which Lotte's philosophy of operational excellence is based.

## Improving Planning Meeting Effectiveness

Muhammad Farhan Sagheer

A team consisting of members from both Engineering and Production departments recently performed a detailed working on the improvement of PTW and Preventive Maintenance systems and proposed some ideas to enhance their overall effectiveness.

One of the actions recommended by the team was to improve the Weekly Planning Meeting's usefulness, which is a forum for the Engineering and Production teams to sit together and plan the next week's maintenance activities. Following the recommendations of the team, attendance of all relevant managers was made compulsory so that jobs can be planned without any delay and load of daily jobs can be minimized.

We are already seeing the benefits of this improvement initiative in terms of reduction in the number of pending Preventive Maintenance activities.



## Exceptional Troubleshooting

Bilal Ahmed

The LCPL Instrumentation team, time and again, has displayed its profound determination and hunger for innovation. Recently, in an attempt at the Oxidation plant, the team set about addressing an issue that the Operations team had been facing for a long time.

The installed pneumatic controller at Soda Ash Vacuum Conveyor had some chronic operational issues. As the cost of replacement of the system was too high, the Instrumentation team had to come up with some other cost-effective solution. After detailed evaluation of control logics, the system was shifted to DCS and is now being controlled using Solenoid Operated Valves (SOVs), which are easy to

operate, maintain, and troubleshoot.

Congratulations to the execution team consisting of Umer Zareen Khan (Engineer Instrumentation), Asif Farooqui (AE Instrumentation), and Shujaat Ali Khan (AE Instrumentation) on the successful implementation of the modification.





## Refreshing the Plant with Synergy

Asad Hayat



The Operations team puts in hard work not only to keep the plant running round the clock but also during shutdowns when safe handing over of the plant for maintenance is quite a task. All hands are on deck during these days, and the team is challenged to timely offline the plant equipment, prepare and make it nontoxic for repair work. It is again the responsibility of the operations team to commission the equipment after maintenance work and bring the plant back to running state.

During the planned shutdown of August 2018, the Oxidation team made dedicated efforts day and

night, especially for the cleaning and servicing of process equipment. The major job was maintenance work on TA Dryer and the Oxidation team thoroughly washed and cleaned the equipment within the planned time which enabled the mechanical team to carry out repair work with ease. Several heat exchangers were back-washed improving their performance significantly. Several choked lines were cleared as well.

The Production team made efforts throughout the shutdown for the improvement of plant operation as well as for reduction in the downtime.

## Trainee Engineers' Orientation

Wajahat Ali

The 24th batch of Trainee Engineers completed their month long orientation program at Technical Training Centre in September.. Various sessions were organized to equip them with a basic knowledge of

Lotte's HSE&S policy and Management Systems, functions of respective departments and important plant processes and equipment.





## Lotte Journey of Mr. Tariq Bin Qasim

Audra Long



Mr. Tariq Bin Qasim has been associated with the company since 1993. During 25 years of his career, he has held various positions in Finance function and has contributed immensely in reshaping it especially

Taxation area. He started his career on 1st September, 1993 as an Account Assistant in the Finance department of ICI Pakistan – Paints Business. He later joined the ICI PTA business in April 1999 as a Reporting Officer in the Finance Department and has held various positions in the company.

Mr. Tariq Bin Qasim is a valued member of Finance team, his abilities and contributions are an important key to the success of entire section, his passion to learn and challenge his limits are the key traits of his personality. He has always been quick to lend a hand whenever asked. Due to all these qualities, he climbed the management ladder and currently working as Manager Taxation & Insurance, when asked about his journey with LCPL he said

***“I strongly believe in hard work, perfection and learning from failure. Fortunately, in this organization my learning and development curve is still going up with the passage of time. I always feel proud to be a part of this organization and its caring culture where everyone treats with dignity. Long Live LCPL”***

We are proud to have you as part of our work family and appreciate your hard work and dedication and wish you more success in the years to come.

## Online Analyzers and Gas Chromatography Training

Wajahat Ali

The Technical Training Centre (TTC) arranged a full day training session on Online Analyzers and Gas Chromatography for the Instrumentation team. Mr Aftab Ahmed Mazari from Techno Publisher, an expert in instrumentation with more than 30 years of industrial experience, conducted the training.

The session was especially beneficial as these analyzers are being used at various locations on the Plant. The course was a huge success and all participants appreciated the quality and relevance of the content.





## Let's Go Green!

Muhammad Safwan Khan

Creating and maintaining a healthy ecosystem is the prime responsibility of every individual and with this in mind, a team from Lotte Chemical Pakistan headed by Muhammad Safwan Khan (AM Electrical) and Syed Nadeem Mehdi (Engineer Mechanical) started a Go Green Campaign with the aim to make Pakistan a cleaner and a better place to live. A total of 500 trees have been planted so far in areas of District Malir and Korangi through this campaign, and efforts will continue throughout Karachi in future. We would also encourage others to join us in our cause.



## Standardization of Critical Job Timelines

Raja Abdullah Khan



One of the many responsibilities the Planning team has to fulfil is to plan and construct suitable timelines for the execution of various jobs. It was recently identified that there is a need to standardize these timelines as we had been observing a lot of variation in the execution duration of similar jobs.

Extensive working was done to carry out this exercise. In the initial phase we took the production loss

account related jobs into consideration. Through a detailed review of the log books, data from ASPEN and real time observations, we were able to formulate timelines for these jobs. These timelines were then uploaded on the Overhaul database and made accessible to concerned managers.

In the second phase, we took observations in the area during the Short Shutdown in August 2018, based on which we formulated standardized timelines for the major jobs that were executed in that outage as well. With the system in place, an iterative process has been initiated through which we will not only be covering more jobs in the future, but will also be refining the timelines that have already been made. The entire exercise is a significant step towards making the process of planning jobs more efficient.

## Unimpeded Support

Rushana Khan

The Workshop team, as always, was a major support function during the August Short Shutdown (SSD). For the rectification of CTA Dryer bolts dislodging issue, the team carried out extensive planning prior to the outage to ensure smooth execution. Services of Nova were enlisted for a specialized machine used to remove the damaged bolts. Bolts and their guide bushes were fabricated in-house, and the entire activity was supervised by Mansoor Alam (Engineer Workshop).

Another critical job was hot work at Purification Reactor Pressure Control Valve reducer, led by Muhammad Ikram (JE Workshop). The entire team worked diligently to ensure safe and timely execution.

In addition to these two major jobs, another 150 planned jobs and a number of unplanned support

jobs were carried out by the team. They put in dedicated efforts to complete all jobs, whether major or minor, within the planned outage duration while fulfilling the requisite safety requirements.



## Continuing Unhindered

Rushana Khan

The Reliability team recently conducted an exercise to test the viability of their equipment vibration data backup, during which some important issues came to the forefront. SKF, the software OEM, was immediately contacted to discuss the concerns and some guidelines were provided by them for creating a viable data backup. Multiple smaller backups were then created, to comply with import capability limitations of the software.

A month after this activity was carried out Windows of the Reliability computer was corrupted. Due to unavailability of the software, Reliability team's ability to record and analyze vibration data became severely limited. To mitigate the situation, the team recorded data manually and live data spectrums were analyzed on location to diagnose faults.

Meanwhile, the IT team was contacted, and Waqar Ali (System Administrator) immediately initiated



the process of software reinstallation and data recovery. Despite some initial difficulties, he was finally able to successfully resolve the issue in minimal time, saving a significant cost of services quoted by the software OEM. Checks were then carried out by the Reliability team to test functionality of the software and minor further issues that came up were resolved in real time.

## Vigilance Saves from Trouble

Muhammad Irfan

To meet effective monitoring requirements, there are several instruments installed at the plant which assist in its smooth operation. However, true test of mettle is to be vigilant when the tools fail and to quickly come up with appropriate solutions.

On 8th August 2018, level indication of Atmospheric Absorber misguided and because of its under reading excessive amount of water was being fed to the Reactor. This mixing can cause notable disturbance, as water is a reaction inhabitant.

The experienced operating team timely picked up the issue and immediately took the necessary preventive measures. Welldone Production Team.



## Trying New Ventures

Shoaib Mumtaz Adhami



Reverse Osmosis (RO) is a critical section of Demineralisation plant, however its performance is often an area of concern primarily because of Raw Water feed quality which has deteriorated over the period of time.

In order to maintain the RO performance various chemicals are used, including antiscalant to avoid scale formation in RO membranes. As an initiative to improve RO operational life a new The outcome supplied by SUEZ was used on trial basis. The outcome of trail was very positive as we were able to operate RO Plant for an additional 10 days in its operational cycle. It also resulted in 18% reduction in overall pressure drop trend and a significant improvement in flow rate was also achieved.

Trail was successfully conducted by Technical & Operation team with due support from SUEZ team, and we have now been able to significantly improve the performance of the system.



# Lotte Global Manager Program 2018

Muhammad Sajid Khan & Syed Raza Anis



At the start of this September, we got the opportunity to attend Lotte Global Manager Programme 2018. It is a yearly conference, where Lotte gathers managers from various countries at Lotte Academy's one of the 3 campuses (Osan, Yon Gin, and Seoul). This year the programme was from 2nd to 8th September 2018 at Seoul. Lotte academy, established in 1993, in partnership with its HR Research Institute, found in 2014, continually works for the development of excellent Human Resource for a bright future of the Lotte group.

The purpose of the program was:

- Building loyalty and a sense of belonging to the company
- Better understanding LOTTE Group's top talent from overseas branches
- Understanding key roles of a leader to improve group performance
- Enhancing individual expertise to use in the field
- Spreading the vision, core values, and organizational strategies throughout the world

Prior to the visit, we had to complete two assignments: study Lotte code of conduct; and fill in the Intercultural Development Inventory (IDI) survey, assessing an individual's inter-cultural competence for building cultural competence in an organization. The report was shared individually with all participants.



On first 04 days, there were training sessions about establishment of Lotte academy, Lotte Business status & Global strategy, Global HR strategy, Lotte new vision & new core values, Design thinking, Cross-cultural understanding. During the last two days, we visited Lotte Tower, Lotte Mart, Lotte World mall, Lotte departmental store, Lotte aquarium, Namson Tower, Kings Palaces named Gwanghwamun & Gyeongbok-gang wearing traditional Korean dress called Hanbok, journeyed in subways, met local people and learned about the Korean culture.

The six days (September 2 to 8 2018) together with other Lotte Global leaders were the best days we spent at Korea. We appreciate Lotte Academy team, facilitators, and presenters for their support in making this event a success. The kindheartedness, supportive & friendly nature and helping attitude of all Lotte Korea team members are truly unforgettable



## Picnic at Sunway Lagoon

Hamid Hussain Shah



Mr. Humair Ijaz, Chief Executive and Mr. Raja Waheed Ullah Khan, General Manager HR & IT, joined the team at tea time.



A picnic brings about pleasure, excitement and breaks the monotony in our lives. It is always good to go outside in free air and open sky to give a little break to one's body and brain. One such picnic was organized on Jul 31, 2018 with Non Management staff at Sunway Lagoon Water Park.



The HR department, along with members of Non Management staff left for the water park early morning and reached the picnic spot in an hour. The picnickers enjoyed each moment spent at the water park; they sang, danced, ate and exchanged tit bits. A variety of snacks and lunch was arranged and enjoyed by all.



It was a cheerful day in the pleasant company of our colleagues.







## Table Tennis Tournament by EVTL

Muhammad Osama Bin Shakeel



Lotte Chemical Pakistan Ltd has always been a firm believer in providing a healthy and energetic working environment to its employees. In order to have an energy booster, LCPL recently participated in a Table Tennis Tournament "Spin It, Win It", organised by Engro Vopak Terminal Ltd. The tournament was held on 18th August at Islamia Club Karachi. Engro Vopak, Engro Elengy, FFBL, FPCL, PSO and KE also took part in the event.

Team Lotte, which consisted of Syed Raza Anis, Arsalan Ahmed (Shift Manager Purification), Faizan UI Haq, Rameez Ahmed (Designation?) and Mati Ur Rehman, played brilliantly and climbed its way to the Finals. The final, played between LCPL and PSO, was a nail-biting thriller from which PSO emerged victorious while Lotte bagged the second place.

Congratulations to the team for their exceptional performance in the tournament!





## Revival of Lotte Hard-ball Cricket Team

Shuaib Adhami

Sports activities play a significant role in increasing the productivity of individuals, and Lotte Sports and Recreation Committee, under the supervision of Qamar Alam and Kamran Saeed Khan, keeps making efforts to keep the spirits of the employees high. They have lately revived its hard-ball cricket team, which had been dormant since 2014.

A companywide trial was held at Rashid Latif Cricket Academy on 30th June 2018 to gauge the individual talents. Response of these trials was very positive and encouraging and participation across all departments was seen. Following the trials, the selected players were divided into two teams: LCPL Kings led by Shuaib Adhami and LCPL Gladiators, whose skipper was Amir Azam. These teams met at the same venue on 7th July 2018 for a nail-biting competition, which LCPL Kings won by 26 runs. And thus the LCPL Hard Ball Cricket team's final squad, captained by Shuaib Adhami, was selected on the basis of individual performances during this match.

After the selection of squad, a challenge match was arranged with Pakistan Petroleum Limited (PPL). The T20 was played on 4th August, again at Rashid Latif ground, in an atmosphere of great zeal and fervour. PPL batted first, and LCPL bowlers, with their tight line and length, were able to restrict the team at 153 runs at the cost of 8 wickets. LCPL team met the target at the very first ball of the 20th over and won the match by 5 wickets.

Kamran Saeed Khan, the Man of the Match, took 4 wickets at the cost of a mere 25 runs; and his performance with the bat was amazing as well

where he scored 31 runs, maintaining a strike rate of 100. The highest scorer from LCPL's team remained Mati ur Rehman by scoring half a century in 49 balls; he also took a wicket while giving away only 18 runs in his 3 overs. Other notable performers include Aizaz Hussain and Waleed Bin Nasir for their high paced game.

After this victory, LCPL Hardball Cricket team is confident to continue its winning spree.





## SPAC Major Maintenance

Talha Nabi Dar



Owing to performance deterioration of SPAC over time, major maintenance of the compressor was planned in early September. As the machine was being completely dismantled for the first time, the activity was carried out under the supervision of Field Service Engineer of Atlas Copco (equipment OEM).

The key obstacle during the compressor dismantling activity was the removal of the third stage shroud, which was found to be jammed within its casing. Faced with this seemingly insurmountable challenge, the Maintenance and Workshop teams made untiring efforts for three consecutive days, and were finally able to remove it.

The subsequent maintenance activity included replacement of bull gear and pinion rotating assemblies along with installation of new shrouds, seals and bearings. Laser alignment of the compressor was performed afterwards followed by a successful compressor startup. Notable improvement was also observed in compressor performance as a result of the activity. The efforts of Muhammad Shoaib (Engineer Maintenance), Tariq Patel (SE Mechanical) and Muhammad Ikram (Fabrication Supervisor) are highly praiseworthy for overcoming all challenges to successfully complete the expansive maintenance job.

## Inventory Optimization

Bilal Ahmed

Every manufacturing industry faces a common challenge – they must have key items in stock at all times. On the other hand, stocking up the inventory with equipment that may become redundant in near future or are not replaced in the predicted time is also problematic.

To optimize our inventory, the Instrumentation team targeted the temperature transmitters available in stock. A thorough study was carried out to evaluate the possibility of modifying the software configuration of obsolete transmitters and make them usable for other services. During this exercise, transmitters of an older model were made compatible with newer system after software upgrade and used for modification at Analyser House. The initiative is expected to give cost saving in future as well.



We appreciate the efforts of Asif Farooqui (AE Instrumentation), Bilal Ahmed (TE Instrumentation), and Abdul Wahab (SE Instrumentation) for carrying out this entire exercise.



## 14th August Celebration

Celestia Henry

A small get together was held at the plant to celebrate the Independence Day. A cake cutting ceremony also took place which was followed by refreshments.



## Mango Party

Celestia Henry

It is said that fun and happiness are contagious, you share them and they get multiplied. We truly believe this notion and hence try our best to maintain a friendly and happy environment at LCPL. In this connection, a Mango Party was organized to celebrate the season with the king of fruits 'Mango' at LCPL on 3rd Aug 2018. All the staff was enjoyed after having the piles of juicy and sweet mangoes.





## Enhancing Skills

Noor Nabi

Recently, two of Oxidation team members, Waqas Ali and Muhammad Ali, worked beyond their routine responsibilities to learn new skills to operate areas of plant that are new to them. Both the persons have



shown commitment, dedication and persistence to complete this task. Waqas Ali got validated for Reaction area and Muhammad Ali got authorized for PAC and CTA Dryer area. Multiple area skills help in better management of resources for shift coverage and generate learning opportunities for newcomers.

Kudos to both for their efforts!



## A Trip to Remember

Sammar Mazhar

A reward is for those who strive hard to achieve their targets. An example was shown by teams through implementing TPM Autonomous Maintenance activities in the allotted plant areas. Our team, SGT-D1, ranked 3rd position among the teams, and as per protocol, a one-day tour to the Deep Sea was organized, in recognition of the team's commitment, dedication and untiring efforts.

The trip started at Kemari, with a boat ride to the deep sea, where the captain then anchored his boat and the fishing gear and bait was made ready. The whole team enjoyed the experience of fishing, with some being luckier than others and catching several fishes native to that part of sea.

While all were busy in attempting to catch a fish or two, the ship's captain and his mate prepared lunch for us. the highlight of which was the prawn biryani and fresh saltwater crabs, cooked to perfection. After enjoying the better part of the day and scrumptious food in open sea, we returned back to the land.

But the day did not come to an end yet. The team sat back in the coaster, and the destination now was Beach Luxury Hotel for hi-tea. Sitting on the edge of the Arabian Sea, the hotel offers picturesque view to the Mangrove Plantations of Karachi. After spending quite some time upon lapping sea waves and a boat in constant motion, this provided a perfect escape to the team.

After another round of food and drinks, the journey home began after this fun-filled day, our team is even more determined to perform better and achieve even bigger targets.





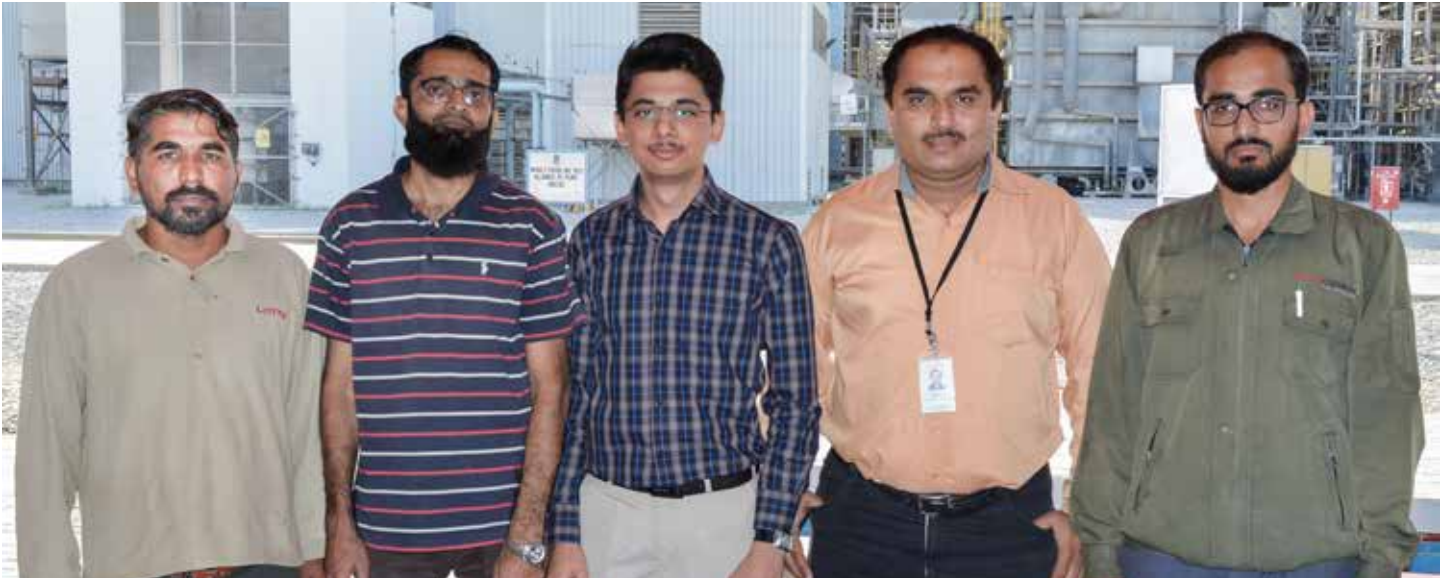
## Aligned and Engaged

Talha Nabi Dar

Facing challenges head-on has always been the defining characteristic of the Oxidation Maintenance team. Although the team is always primed to attend the high number of maintenance jobs during Plant downtimes, the stakes were even higher in the August Short Shutdown as multiple major maintenance activities had to be executed on the new CTA dryer as well as on both Rovacs, while simultaneous-

ly attending other dispersed maintenance jobs in the area and providing support to other sections.

Complying with Plant safety standards, the Oxidation Maintenance team led by Noman Hafeez (AM Maintenance) and Mohammad Shoaib (Engineer Maintenance) ensured successful execution of all major and minor jobs and timely handover of equipment to the Production team. With a stable plant operation post startup, the morale of the team has reached a new high.



## Smart Thinking

Hamza Ahmed

Reliable operation of the Surge Compressor at Raw Water Pumping Station is essential for smooth supply of Raw Water to the Plant. In order to keep the level of surge vessel maintained, four switches are installed at the level gauge. Their main purpose is to ensure the timely cut-in and cut-off of the surge vessel pumps in correspondence to the level of the Surge Tank.

A problem was recently encountered with the cut-in of these switches, and like-to-like spares and vendor support was not available. The Instrumentation team comprised of Umair Aleem (AM Instrumentation), Nadeem Bhatti (Engineer Instrumentation), Inam Ullah Khan (Instrumentation Technician) and Taufeeq Ilyas (Instrumentation Technician) took this opportunity as a challenge and carried out a modification to change the entire switching mechanism with a new type of level transmitter. Through their out of the box thinking the team was able to resolve a long-standing issue.





## Training Session on PTW System

Syed Wajahat Ali

Permit to work or PTW is a mandatory requirement to carry out work on LCPL site. It is a key tool to maintain control over the work and minimize associated risks. Training sessions on PTW system are organized from time to time to raise awareness and take feedback from participants for improvement in the existing systems.

Shuaib Iqbal (Assistant Manager QHSE) conducted

the refresher session on 19th September. The session was specifically designed to ensure interaction between PTW Issuers, Acceptors, Area Operators, job executors and supervisory staff. Bilateral discussion on the important issues concerning effective enforcement of PTW was the highlight of this training while suggestions for improvement of the PTW system were also discussed in detail.



## Visit Of Fatima Fertilizer HSE&S Team

Shuaib Iqbal

The Fatima Fertilizer HSE&S team visited LCPL Plant site on 17th September 2018 to understand the key features of our HSE&S Management system and the best HSE&S practices regarding Radiation Safety, including Radiation Emergency arrangements implemented at Lotte.

The team was warmly welcomed by Umair Khalid (HSE & Technical Training Manager) and Shuaib Iqbal (Assistant Manager-QHSE), and briefing sessions were conducted for them. It is hoped that Lotte's valuable experience accumulated over the years will be beneficial for them with respect to HSE&S implementation at their plant.



## Challenging Limits

Wali Ahsan

Acetic acid as solvent and cobalt acetate as catalyst are two important chemicals used at Oxidation plant. During the chemical reaction of Para-xylene some impurities are formed which have to be removed from the system, otherwise they can hamper the performance at various plant areas. However, since the solvent is in continuous circulation, the concentration of these impurities keeps on increasing, and to get rid of them caustic is also wasted.

A combined initiative was taken by Technical and Production to identify the optimized limits of impure stream and its flow was reduced by 25% causing significant savings in terms of catalyst and plant operation. Hence, a new benchmark was created by challenging existing limits of operation.



## Putting a Stop to the Drop

Yasir Ahmad Shaikh

Cooling Tower area is one of the most critical areas at Utilities plant. The restriction in availability of the cooling waste can directly affect the plant rate. A prime responsibility of Utilities Production team is thus to ensure steady and constant supply of cooling water to its users.

On 7th August 2018, a leakage was reported by Munir Shahid (AE Process - Utilities) from the cooling water supply header near Cooling Tower Cell-B. Mechanical team was immediately called and a clamp was fitted on the leakage source. However, even after installation of the clamp, the leakage persisted, as the bend in the line hindered the proper coverage of the leakage point.

The system was kept in close monitoring, till the planned plant outage. Patch work was performed through welding by the Workshop team, after the cooling water header was completely emptied out. Timely execution of this job ensured quick restoration of cooling water supply

The well-coordinated efforts of Production, Mechanical, and Workshop teams for dealing with the issue are commendable.



## Quotes

Happiness doesn't result from what we get,  
but from what we give.

*Ben Carson*

Problems are not stop signs, they are guidelines.

*Robert H. Schuller*





## Team Work Wins

Muhammad Irfan

Stripper Still Pot Circulating Pump is a critical equipment for plant operation. Although a stand by pump is always available, pump changeover is only performed during plant shutdowns owing to the possibility of choking of process lines during online changeover.

On 2nd July 2018, the motor of the in-service pump tripped on overload, and the standby pump had to be started. All the emergency handling protocols were promptly followed, including calling Emergen-

cy Response Team at location. Due to the well-coordinated efforts of the Oxidation plant Operations team, the stand by pump was taken in service in within just 20 minutes of the tripping, and a potential plant shutdown was avoided.

Efforts of Abdul Hafeez Sheikh (AM Process) and Muhammad Irfan (Shift Manager Oxidation) are commendable for effectively handling the emergency.



## Prompt Response to the Needs

Muhammad Iqbal Awais

Along with providing continuous supply of process utilities, ensuring safe handling and storage of various chemicals and raw materials is the prime focus of Utilities Operations team. One such chemical, used to maintain cooling water pH, is concentrated Sulphuric acid.

On 3rd September 2018, pinhole leakage was reported by Naushad Ahmad (Senior Plant Operator Utilities) from the outline line of Sulphuric Acid Tank. Muhammad Farhan Sagheer (SM Utilities) responded quickly to the situation and directed Area Operator to isolate tank, however the valve was stuck and isolation could not be completed. It was then decided to rectify the leakage online. Irfan Siddiqui (SE Mechanical) safely wrapped the leakage spot with rubber cladding, and provisionally rectified the leakage. Permanent repairs were later performed once the tank level was low enough to operate without isolation.

The prompt response and efficient handling of the situation by the team are praiseworthy.





## Finance for Non Finance Managers

Wali Ahsan

### KARACHI SCHOOL OF BUSINESS & LEADERSHIP Executive Education Services Finance for Non Financial Managers July 23 - 24, 2018



Karachi School of Business & Leadership (KSBL) is one of the finest Business School of Pakistan. Considering its ranking, LCPL HR Team set out a meeting with KSBL's Dean Dr. Zeeshan to establish collaboration in staff learning needs and its fulfillment. In this regard, a program with the name "Finance for Non Finance Managers" was organized on 23 & 24 July-2018 for young engineers at KSBL. The objec-

tive of the course was to equip managers with the concepts, frameworks, tools & methodologies necessary to build financial acumen for short-term and long-term business decision making. The course helped participants to apply these frameworks in different managerial and financial contexts. The program was facilitated by Dr. Zeeshan who is a PhD from Mississippi State University, US.

## I AM LOTTE

Shazia Siddiqui

I am Lotte was a tailored workshop organized for Lotte's Engineering teams, whereby participants improved their skills by enhancing their professional communication competencies (externally and inter-

nally), Time Management, Attitude, Motivation and equipped them with some effective practical tools. The program was facilitated by Haseeb T. Hassan on 8 & 9 August 2018 at Karachi Marriott Hotel.





# Long Service Award Recipients



**Tariq Bin Qasim** completed 25 years of service on 31st August 2018. He joined the company on 1st September 1993 and is presently working as Manager Taxation & Insurance.



**Niaz Ahmad** completed 20 years of service on 31st August 2018. He joined the company on 1st September 1998 and is presently working as Sub Engineer Electrical -I.



**Amir Anwer** completed 20 years of service on 21st September 2018. He joined the company on 22nd September 1998 and is presently working as Deputy IT Manager.



**Mohammad Asif Khan** completed 10 years of service on 31st August 2018. He joined the company on 1st September 2008 and is presently working as Assistant Lab Officer-II.



**Muhammad Azeem Ansari**, BE (Mechanical Engineering), NED University of Engineering & Technology, Karachi, has joined the Company as Trainee Engineer, with effect from 16th July 2018.



**Muhammad Abdullah Bin Azhar**, MSc (Automation and Robotics) from Technische Universität Dortmund, Germany, has joined the Company as Assistant Manager Instrumentation, with effect from 13th August 2018.



**Adnan Hyder**, B-Tech (Electrical), Dadabhoj Institute of Higher Education, Karachi, has joined the Company as Junior Engineer Electrical, with effect from 13th August 2018.



**Muhammad Hamza Shahbaz**, BE (Chemical Engineering), National University of Sciences and Technology, (NUST), Islamabad, has joined the Company as Trainee Engineer, with effect from 3rd September 2018.



**Sabih Ahmad**, BSc (Chemical Engineering), Middle East Technical University, Ankara, Turkey, has joined the Company as Trainee Engineer, with effect from 3rd September 2018.





PTA کی مارکیٹ صورتحال اور مستقبل کے مواقع کے ساتھ تقابلی مالیاتی نتائج کے امور بھی زیر غور آئے۔ انہوں نے واضح طور پر ٹیم ورک کی تعریف کرتے ہوئے ہر ایک ممبر کی کاوشوں سے حاصل ہونے والی کامیابیوں پر روشنی ڈالی۔ انہوں نے کاروبار کے نئے مواقع کے حوالے سے ہونے والی پیش رفت پر بھی اظہار خیال کیا اور قومی گرڈ میں اضافی بجلی کی فراہمی کے پروجیکٹ سے متعلق بھی ٹیم کو آگاہ کیا۔

بعد ازاں، جناب حمیرا اعجاز نے تقریب کے شرکاء سے نئے کاروباری مواقع اور آئیڈیاز سے متعلق سوالات اور مشورہ جات کو کھلے دل سے سنا اور موجودہ صورتحال میں مخصوص آئیڈیاز سے فائدہ نہ ہونے کے باوجود عمل درآمد کی وضاحت کرتے ہوئے سب کو مطمئن کیا۔ آخر میں، کمرشل پروڈکشن کے 20 سال مکمل ہونے کی خوشی میں ایک کانٹے کی تقریب بھی منعقد ہوئی جس سے شرکاء بہت لطف اندوز ہوئے۔

سال کا دوسرا CE سیشن 7 اگست 2018 کو LCPL پلانٹ سائٹ پر منعقد کیا گیا۔ اس تقریب میں کمپنی کے ملازمین نے بڑے پیمانے پر شرکت کی۔ تقریب کے انعقاد کا مقصد سالانہ مقاصد کا جائزہ لینا اور ان مقاصد کے پیش نظر اب تک کی کارکردگی سے متعلق باہمی تبادلہ خیال اور کھلے ماحول میں بات چیت کرنے کا موقع فراہم کرنا تھا۔

جناب حمیرا اعجاز نے سیشن کے آغاز میں کمپنی کی کمرشل پروڈکشن کو کامیابی کے 20 سال مکمل ہونے پر LCPL کی پوری فیملی کو مبارکباد دیتے ہوئے ان کی خدمات کو سراہا۔ اظہار تشکر کے طور پر انہوں نے آئی سی آئی سے LCPL تک کے سفر پر مبنی وڈیو کو پورے اسٹاف کے نام کیا۔ اس وڈیو کو دیکھ کر تمام ملازمین خوب محظوظ ہوئے۔

2018 کے اہم مقاصد پر بات کرتے ہوئے جناب حمیرا اعجاز نے مسرت کا اظہار کیا اور بہتر نمائندگی پر ملازمین کا شکریہ ادا کیا اور یہ سلسلہ جاری رکھنے کے لیے ہمت افزائی کی۔ اس دوران موجودہ







چیف ایگزیکٹو جناب حمیر اعجاز صاحب اور جنرل منیجر ایچ آر اینڈ آئی ٹی جناب راجہ وحید اللہ خان نے بھی چائے کے موقع پر اپنی شرکت سے تمام ملازمین کو ایک اچانک خوشی کا احساس دیا۔



مجموعی طور پر پورا دن ایک یادگار اور تفریح سے بھرپور تھا اور اپنے ساتھیوں کے ساتھ گپ شپ کا ایک بہترین موقع ثابت ہوا۔



سیر و تفریح سے ہماری زندگیوں میں خوشی، جوش اور یکسانیت کا احساس پیدا ہوتا ہے۔ کھلے آسمان تلے، تازہ ہوا میں کسی پابندی کے بغیر گھومنے جانا انسان کے دل و دماغ کو فرحت بخشتا ہے۔ کمپنی ملازمین کے ساتھ سن وے لگون (Sunway Lagoon) واٹر پارک کی سیر و تفریح کا پروگرام 31 جولائی 2018 کو منعقد کیا گیا۔



کمپنی کا ایچ آر ڈپارٹمنٹ بشمول ملازمین صبح سویرے ہی واٹر پارک کے لیے روانہ ہوئے اور پکنک کی جگہ پر ایک گھنٹے میں پہنچ گئے۔ واٹر پارک میں تمام افراد نے بہت انجوائے کیا اور واٹر پارک میں گزارے ہوئے ہر ایک لمحے سے محظوظ ہوئے۔ کہیں گانوں کے مقابلے تھے تو کہیں ڈانس چل رہا تھا اور کہیں قہقہوں کی بارش تھی۔ بہر حال پوری ٹیم نے بہت تفریح کی، اسٹیکس کی ورائٹی اور گرما گرم لچے نے تمام افراد کا لطف دو بالا کر دیا۔





|Q3|2018|

# connect

سن وے لگون میں پنک



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