

connect



Plant high rate trial



Achievement of 2nd Position by LCPL in the 16th EFP Best Practices Award in Category of OS&H

Shuaib Iqbal

Lotte Chemical Pakistan Ltd. (LCPL) has been awarded with 2nd Position in Chemical Sector for the 16th EFP Best Practices Award in the category of Occupational Safety & Health (OS&H) for the year 2021 in a ceremony held on 21 May 2022 in Marriott Hotel Karachi, organized by Employers Federation of Pakistan (EFP) and International

Labor Organization (ILO).

Dr. Arif Alvi (President of Islamic Republic of Pakistan) was the chief guest of the ceremony. Mr. Sohail Abbas (HSE & Technical Training Manager) received the award on behalf of Lotte Chemical Pakistan Ltd.



Editorial

Dear Readers,

LCPL as an organization has always worked together to overcome challenges and emerge triumphant. Another such challenge was surmounted by the LCPL team at the start of this year; Overhaul-2022 was achieved successfully and timely with ZERO injuries.

We thought we had left Covid-19 pandemic behind us, but unfortunately there has been an upward trend in the new positive cases. So, let us show the true LCPL spirit by taking the required precautions against the corona virus so we can again return back to our pre-Covid times.

This issue covers the Plant High Rate Trial, Biogas Compressor and Scrubber Commissioning, Eid Milan Party Celebrations and many more interesting stories. We would also like to welcome Syed Aizaz Hussain Rizvi and Fakiha Khalid to our team.

During these trying times we hope that you and your loved ones are finding ways to stay happy and safe. Heartfelt thanks to all the contributors for this edition. We are always open to your feedback for improvement of future editions.

Let's still not forget to wear the mask!

- Newsletter Team

FOX 20 System Replacement

Syed Fahad Bin Shakil

FOX20 communication system from ABB has been in service since the commissioning of LCPL plant and over the years this system became obsolete. We no longer had the technical or material support from the OEM or any supplier for troubleshooting.

It is a critical system that transmits and receives alarm, trip, and status signals between LCPL Plant Site and KE ICI Grid Station. As there is no 220kV circuit breaker installed at LCPL site therefore, reliability of this system is of utmost importance in isolating the system in case of fault in the Power transformers (TR-01 and TR-02) and transmission line (KE line 1 and 2). The tripping signals were transmitted through FOX20 system to trip the 220kV circuit breaker at the ICI Grid.

Considering the importance of this system and the operational issues faced, it was decided to replace the system with a new Siemens SDH communication system. After thorough working on the existing system architecture and philosophy Electrical team was able to pursue this complex project, with no compromise on security and redundancy of the system. Electrical team consisting of Imranullah Khan (Engineer Electrical), Syed Fahad Bin Shakil (AM Electrical) and M. Ahmedullah (AM Electrical) was meticulously involved in the replacement activity at LCPL site and KE ICI grid.

The project was successfully commissioned and tested. The new installed SDH system is in service without any operational issues. Overall integrity of the system has been improved considering highly reliable and updated hardware.

RWPS Base Load Generator Commissioning

Muhammad Noman Khan (SM Utilities)

Raw water is one of the core utilities which is supplied from raw water pumping station (RWPS) at Ghara situated around 52 km away from LCPL site.

The primary source of electrical power at RWPS is through WAPDA, but due to the remote locality, it is quite susceptible to harsh power outages exceeding 20 hours a day, for which two emergency diesel generators are installed. However, these generators are not designed for continuous operation, and thus, this necessitated for another power source which can be kept in service 24 hours a day in case of major WAPDA outages. Based on these issues, a rental DG was installed which could run continuously. However, a significant amount was incurred in terms of rental and other charges, which prompted the team to look for other viable options.

On 17 May, new 550kVA base load generator (BLG) along with its power selector panel installed and commissioned successfully. The activities started from 11 May 2022 by punch listing of safety and operational checks and completed on time with the commitment and efforts of whole commissioning team.

With commissioning of this generator, a huge amount in terms of rental charges has been saved, along with potential for optimized fuel consumption as well. Different departments were involved in this commissioning, consisting of production, mechanical, electrical, instrumentation and workshop, who put up their utmost efforts for its prompt commissioning, and all of them deserve a huge round of applause and acknowledgment for bringing this project to a booming success.

A Lifetime of Dedication

Umair Siddiqui

LCPL family is filled with gems; people who have made the journey of continuous development in our systems possible through their incredible work and untiring efforts. They are the ones who have put in the best of their energies every single day, throughout these years.

Mr. Rashid Minhas, Mr. Hamid Shaffi, M. AD Mahar and Mr. Abdul Jabbar are some of the great team members at Purification Plant, who have also received long service awards this quarter for their contribution in reaching all the milestones that have been achieved thus far. Mr. Rashid Minhas has played a significant role in raising

the bar of smooth and efficient plant operation. Mr. Hamid Shaffi has contributed immensely at Oxidation as well as at Purification plants' operation and improvement. Mr. AD Mahar has also been instrumental towards continual excellence for plant operation by his DCS skills and sharp vigilance. Mr. Abdul Jabbar is one of the senior-most members of Pure area team; he is an asset for all the areas of Pure plant. He has played a good role in training of newly hired trainee engineers and apprentices.

All of them are great examples of hard work, consistency and dedication.

Scholarship for The Citizen Foundation

Ahmed A Abedi

LCPL has always strived to focus on educating the children and helping them become active members of the society, so that they grow up to add value to the society.

The Citizen Foundation (TCF) is one such organization, which has contributed towards taking children off the streets and into schools, and provides them free education.

LCPL realizing its corporate social responsibility for educating certain students for the educational year 2022-2023. This contribution keeps our mission alive and helps us to break down the barriers that prevent children growing up with lack of opportunities, from receiving quality education.



Backlog Area Commissioning

SAAD ABDUL QADIR

Backlog area is a segment of AETP project, whose primary purpose is to re-use the backlog cake (which was previously produced from CRU operation) as a feed for AETP plant, as well as to recover metals such as Cobalt and Manganese.

To avoid discrepancies related to operation and ensure compliance with safety standards, comprehensive commissioning campaign was undertaken. These activities included punch-listing, flushing and blowing of pipelines, and executing water trial of the area. During this extensive commissioning process, DCS logics were also tested and verified, so no stumbling block could hinder the pace of the commissioning process. The whole endeavor was accomplished within 18 days (from 24 May to 10 June).

Diligently tick-marking the commissioning checklist, we stumbled onto the final stage of the entire process execution. On 10 June, a dumper containing 5 tons of backlog cake was added into the backlog pit. Through a series of operations, not only were the metals recovered, but the CRU cake utilized as well within our effluent treatment system.

This commissioning marks the completion of the entire AETP project- a feat everyone was eagerly waiting for. The enthusiasm and devotion the entire commissioning team which included people from different departments showed is quite commendable and worthy of acknowledgment.

Challenging the status-quo to bring Innovation

Muhammad Farhan Sagheer

Production team has challenged many status-quo operations in past to bring innovation and to reduce variable cost of PTA plant operation. One of the contributors of variable cost is electricity cost and it increase dramatically when we import power from KE instead of producing it from GTG.

It was a normal plan to keep GTG stopped during plant short shutdown. However, production & technical team put forward a point to only stop GTG for water wash and then restart it to provide power to plant and export surplus power to KE. This idea had potential to reduce variable cost due to no import of expensive power of KE and could benefit in increasing the power export figures. The only challenge was

to agree KE management for a continuous export of more than 20 MWh which is normally around 6-10MWh. With efforts of both production and technical team, KE management agreed to import power at higher rate than normal from LCPL. During May-SSD 2022, GTG was kept operational except water wash period import of around 260 MWh was avoided.

To overcome the challenges and execute the plan is only possible if teams are working in a well-coordinated way and we witnessed such efforts during this May-SSD. LCPL management acknowledged these efforts of both teams who worked to execute this plan successfully.

Cyclic Counting Automation

Nafees Ahmed

Accurate inventory records are an essential element in the effective use of Enterprise Resource Planning (ERP) tools and systems; cycle counting plays an important role in ensuring that there is an efficient inventory-tracking process in place to achieve accuracy.

Utilizing the modern IT techniques Engineering Stores and IT department developed a new system for cyclic counting to skip the manual exercise that was in place for auditing, maintaining history and generating real time reports which will be maintained through gadgets or allocated Auditor Help Desk Management dashboard. This dashboard is specially designed to analyze inventory and to ensure audit compliance with zero error.



Eid Milan Party at LCPL Plant

Zia Ur Rehman

As part of the Eid-ul-Fitr celebrations, LCPL Staff gathered for an Eid Milan Party on 10 May 2022 at Plant Site. The party was attended by all staff members including trainees, Apprentices, contractors and employees.

Lunch was hosted for all; special arrangements were made for shift staff to participate in the celebrations.



Achievement of Zero Injury Target in Overhaul-2022

Shuaib Iqbal

Lotte Chemical Pakistan Ltd. has achieved Zero Injury Target during Overhaul 2022. This achievement is a direct result of continued focus and commitment on all safety aspects by LCPL staff, SUSA auditors, HSE & Technical Training Team, Area Managers and Contractor's Safety teams.

The HSE & Technical Training team lead by Mr. Sohail Abbas (HSE & Technical Training Manager) contributed their best to achieve the milestone.

Covid-19 Pandemic remained a major challenge for the Overhaul. Covid-19 management procedure was developed, vaccination of all manpower was a mandatory requirement to allow entry to site, designation of isolation rooms, arrangements for social distancing, continuous monitoring of workplace, residential areas and dining areas thru safety and medical teams, auditing of SOP compliance thru Covid Management Committee (CMC) resulted in successful completion of Overhaul without any single Covid-19 case. Support and coordination from Covid Management Committee (CMC) consisting of Muhammad Tariq & Noman Farooq from Planning Section was remarkable.

Prior to OH-2022 different training sessions were arranged for both contractors and employees.

Seven sessions were arranged for PTW refresher.

Multiple special safety induction sessions were conducted in Descon Camp and in Technical Training Center besides routine safety inductions that were conducted during each shift. Safety Officers including Fahad Ahmed Kahn, Muhammad Furqan Khan, Muhammad Abdullah, Syed Wajahat Ali (SHE Secretary & IMS Coordinator), Zeeshan Azmi (HSE-Coordinator) and Syed Tayyab Ali (Technical Training Coordinator) conducted these sessions to facilitate the Overhaul Team.

Emergency Response, Process Support Services & High Pressure water jetting activities supervision was provided through Emergency Response Team (ERT). Learning Events & Areas of Improvements were highlighted through daily safety publications.

During Overhaul, Overall compliance of 154 % was observed in Management SUSA Audit Program. There were 16 Audit teams involved in SUSA audit on a daily basis followed on the same lines as done in the previous Overhauls. A unique audit theme was assigned to each audit team on a rotation basis to audit different plant areas. Based upon quality and quantity of audits, following teams were declared winners for best SUSA auditors in OH-2022.

First Position

Mohammad Sajid Khan
(Plant Manager -CoGen.)

+

Muhammad Safwan Khan
(AM Electrical Core Plant & Hazardous Area)

Sikandar Khan
(Plant Manager-Purification)

+

Amir Azam
(Manager Electrical and E&I Reliability)

Second Position

Umair Khalid
(Process Engineering Manager -Core)

+

Noman Hafeez
(Assistant Manager Maintenance -CoGen)

Third Position

Shahzad Ibrahim Ansari
(Production Manager)

+

Irfan Ahmed
(Electrical & Instrument Manager)



Upgradation of Silica Analyzer

Sheheryar Zia Siddiqui

Silica Analyser is similar to a small laboratory setup that conducts Calorimetric Analysis for determining the concentration of Silica in Demineralised water. Its old 5000 Series installed in area had obsolesced and wasn't providing accurate readings. Arranging spare parts was an issue for an obsolete model. Therefore, Instrument team took the initiative and proposed the replacement of Analyzer with its new Hach 5500sc model. M Nadeem Bhatti (Engineer Instrumentation) and M Awais (Inst. Technician) played a vital role in the installation and commissioning process. The run time for this model is twice as long as the old 5000 Series, thus, saving the time associated with frequent maintenance. Also the operation and maintenance of this system is much more simplified and easier to manage.

The installation of new Hach 5500sc Silica Analyzer was not just a remedy for the obsolescence but it has also increased the reliability of the process, lowering the maintenance frequency and decreasing downtime.



Know before you throw

Ahmed Riaz Rana

Lubrication plays an important role in the efficiency and life-expectancy of the rotating equipment. It involves the introduction of a lubricating agent into various machine components to reduce friction and heat along with wiping of the debris and wear particles.

The LCPL reliability team is actively engaged in maintaining proper quality and quantity of lubricant in all the equipment through routine checks and preventive maintenance regimes to ensure optimum equipment health and efficiency. The strict compliance of the preventive maintenance plans require changing of oil even when the condition is not deteriorated and still up to the mark. Therefore, the reliability team came up

with an innovative idea to store the oil recovered from such machines in used oil yard and sorted them out in three different categories - The White, The Brown and The Black - with their state being best to worst respectively. Good monetary pay back is obtained through the sale of these recovered oils.

Keeping in view the drive for continuous improvement, the team also came up with the idea of concrete flooring of used oil yard to prevent soil contamination in case of oil spillage and also to minimize the possibility of oil being contaminated by the wind-blown dust. Reliability team also ensures proper categorization of the oils in their respective areas and strict adherence to housekeeping practices.



Completion of 65 Million Man-hours without LTC

Shuaib Iqbal

Lotte Chemical Pakistan Ltd. has achieved another milestone in HSE&S performance by completing 65 Million Man -hours without Lost Time Case (LTC) for its Employees & all Contractors on 23 February, 2022.

LCPL,s highest safety standards are excellent demonstration of company's unwavering commitment towards Health, Safety & Environment as defined in the HSE&S policy & sustained by an excellent safety record of 65 Million Man-hours without Lost Time Case (without LTC) spread over almost 24 years starting from 7 May 1998. This unblemished record clearly marks the successful implementation of HSE &S Policy and procedures and strong focus

of Management on HSE &S performance & is an indicative of LCPL team's dedication alongside the support and commitment of team members who ardently work at levels ensuring the safe system of work performance. Efforts are in progress in making our company a safe working place for our employees, contractors and visitors and to raise HSE&S performance to the next level of excellence.

LCPL Management is proud of this achievement and hope to keep this record of excellent HSE&S performance in future as well.

Congratulations to all LCPL employees & contractors team.

DUET Industrial Visit

Zia Ur Rehman

As a part of Industrial Tour Program, a group of 25 students of Electronics Engineering department from Dawood University of Engineering & Technology, Karachi visited Lotte Chemical Pakistan Limited on 24 March 2022.

Mr. Umair Aleem, Manager Instrumentation (Core Plant & DCS), delivered the presentation on current technical and engineering practices of company. He also assisted visitors for the plant tour. The students took keen interest in the plant visit to gain maximum understanding of chemical industry that would definitely benefit them to broaden their horizon of

knowledge about chemical industry in general and Lotte Chemical in particular.

Such industrial tours are an essential part of the academic process and help students in getting involved themselves with engineering activities, design parameters, characteristics of equipment and manufacturing process in plants like Lotte Chemical. Lotte Chemical Pakistan Ltd. also arranged refreshments for the students and teaching staff. In the end, university staff thanked Lotte Chemical for providing them opportunity to gain practical understanding of Chemical Plant.



Hajj Balloting 2022

Tariq Usmani

Lotte Chemical has formulated a Hajj Assistance Scheme since many years for its employees. Every year, three employees are selected to perform Hajj through balloting. This year, Hajj Balloting held on 11 February 2022 presided by Honorable Chief Guest Director Admin, HR & IT Mr. Raja Waheed Ullah and Syed Rizwan Ahmed, Admin & IR Manager.

We congratulate the following employees who were finally selected for Hajj.

Name	Department
M Hassan Siddiqui	Production
Syed Sheraz Ali	Engineering
M Altaf Khan	Engineering
Stand By	
Ashaq Ali	Engineering



Work journey at LCPL

Muhammad Farhan Sagheer

Sabir Ali – Senior Assistant Engineer Process is one of the pioneers of Cogen plant and has been associated with Cogen plant since June 2011. He joined this organization in October 1997 and has been working for this company for more than 24 years.

His first assignment after joining this company was the commissioning of Boilers&Generators area of Utilities plant which he completed successfully and brought many improvements in his assigned area through his operational excellence. His smart work and dedicated efforts for the organization were acknowledged by the higher management and was given many new opportunities for his personal growth. His thirst to learn other areas of Utilities plant enabled him to open the door of new opportunity as DCS Boardman (Utilities Plant) where he spent more than 5 years. He was one of the few area operators who worked on improving their skills and knowledge and got promoted as DCS Boardman in a short span of time.

In 2011, he became the part of Cogen plant commissioning team and worked tirelessly to make this project successful. Soon after project commissioning, he was given the responsibility of DCS Boardman (Cogen) which is his current role and performing well in this organization. It is the result of his consistency, competence, knowledge and Integrity that he has reached to this level.



He has been great mentor at both Cogen and Utilities plant. He has trained several apprentices, area operators, trainee engineers and shift managers during his 24 years association with this company. Sabir Ali shares his thoughts

“This organization not only groomed my technical skills but also helped me to improve my interpersonal skill. I made many new friends here who always extended their helping hands whenever I needed. I cannot recall any time from my whole journey at this plant when I thought to left this organization and this is all because of its Work Culture“

LCPL recognizes his efforts and dedication towards work, and wishes him success and prosperity in future.

Safety Slogans Competition For Overhaul-2022

Shuaib Iqbal

A safety slogans competition was organized by HSE & Technical Training department supported by Planning and Overhaul team. Total 110 safety slogans were received from 41 participants including LCPL Management, Non-Management & Contractors staff, indicating commitment with the safe system of work practices and providing a source of guidelines towards behavior based safety at LCPL Plant site.

All the slogans were thoroughly reviewed by a designated Committee and following were declared winners:

1. Nasir Ali
(Sub Engineer Process- I)
2. Rameez Ahmed
(Plant Operator-II, Purification)
3. Abdullah Ansari
(Assistant Manager-Reliability)

HSE&S Management Audit -2022

Shuaib Iqbal

HSE&S audits are essential to establish whether the Organization is in compliance with implemented safety procedures, applicable legislation, identifying weaknesses, deficiencies in their safety programs and processes and to identify the areas of improvement. An HSE audit identifies different levels of risk in all the particular areas of an organization that can help the workplace to become safer and improve the organization's health and safety procedures.

As a part of continuous improvement in HSE&S performance and to establish the safety standards to the highest level of excellence, the LCPL have a keen focus on the auditing system to ensure comprehensive implementation of the developed safety standards, procedures, practices, legislations to make the workplace most suitable for safe and smooth continuation of all its operations.

As a part of Business QHSE&S Objective, the LCPL has planned to carry out HSE&S Management Audit in April-May-2022 to ensure the effective implementation of HSE&S Standards and procedures and identification of areas of improvement in HSE&S performance.

The HSE&S Management Audit was conducted by Mr. Bilal Mustafa Syed (Managing Partner -HSE Vision) who is a Health, Safety and Environment (HS&E) Specialist with over 30 years of work experience in the Oil & Gas/ LNG, Chemical Industry, Energy (Wind) and

Mineral Resource Sector. He has held senior positions within multinational organizations - Chevron; Inpex & Woodside Energy Australia, Total (first LNG operated Plant in Yemen), OMV (Yemen, Romania & Pakistan), World Bank, EBRD and ICI Plc. - in Europe, Middle East, SE Asia, S Asia and Australia.

All departments coordinated well and presented the required documents/evidences to the auditor required during evaluation process. The auditor appreciated the effectiveness of HSE&S Management system implemented at LCPL



Time is Money

Abdul Moiz

SSD-May-2022 was planned for D1-301 (Oxidation reactor) seal replacement and other miscellaneous jobs. Owing to the steep production targets, timeline was kept constricted and concise. In this short span, planned jobs execution was a tough ask and any unexpected scenario would have delayed plant startup activities.

Pure Plant jobs execution was going as per timeline until when a new situation occurred which threatened timely startup of plant. A pinhole leakage from D1-1301 (purification reactor) exit line was reported by area team. This was quite a critical problem as without attending it plant safe operation was on threat.

Major task was to attend this job, for this D1-1301 (purification reactor) had to be de-pressurized and drained. This would drag the outage timeline further which was not favorable. But Purification team took the challenge and not only prepared D1-1301 (purification reactor) for the job handover in time through forethought and attended leakage but also kept up the pace with start-up timeline, keeping in line with all the recommended safety protocols. This was all made possible due to the timely planning, experience and eagerness to welcome any unforeseen trials.

This not only saved precious time but also ensured that on-spec production was achieved with in the already shared timeline and any production/time loss was avoided.



Top-Notch Vigilance

Asad Hayat

A DCS Boardman has great responsibility to ensure smooth plant operations, while also being cautious so as to deal with any unforeseen predicament or emergencies.

An unanticipated nuisance was encountered on the afternoon of 2nd April which was timely attended because of strong attentiveness of Oxidation plant's Boardman, Tariq Zia. Two oxygen (O₂) and two carbon dioxide (CO₂) analyzers are installed on reactor's exit that monitors the concentration of oxygen (O₂) and carbon dioxide (CO₂) in the stream, out of which one pair of O₂ and CO₂ analyzer is always selected to initiate plant trip.

Variations were observed on one selected oxygen (O₂) analyzer, which soon transpired into spikes, one of which extended up to 6.22%. As per logic, tripping of plant will be induced if oxygen concentration increases up to 6.5%. Since other oxygen analyzer was normal, analyzer selection was swiftly changed, and thus, nuisance tripping was averted.

This particular vigilance saved the whole plant from not only production downtime, but also from a major emergency. The composure and presence of mind shown by Boardman Tariq Zia is commendable and quite praiseworthy in this regard.

Non Management staff picnic

Tariq Usmani

As is LCPL's annual tradition, IR team organized picnic for non-management staff at Beach Hut on 22 June. The daylong event was organized to give people a break from their daily monotonous routine.



The employees enjoyed the day and had fun swimming in the sea, riding horses, and playing cricket and football.



Plant high rate trial

Wali Ahsan

Before Oxidation Reactor modification two compressors were supplying air to maintain plant rate of 63 ton/hr, however after increasing mixing efficiency of reactor by modifying its internals small compressor was shutdown at same plant rate of 63 ton/hr. This indicated bottleneck of air for further increment of plant rate was removed.

After reactor modification Oxidation plant has never been operated at its full air potential, to get the confidence of Ox plant capability it was felt necessary that an extended high rate run of the plant be

carried out at 64.5 tph . Operating guidelines were discussed within technical and production team in Mid May'22 and trial was started on 26 May 2022. Detailed analysis of all process parameters, quality and equipment health was done and no major bottleneck was observed.

Based upon extended run data it is safe to say LCPL manufacturing capability is increased by 2.5% with further margin for improvement in future. Hence, another feather in cap of LCPL manufacturing team.





TTC Round Up

Syed Tayyab Ali



Defensive Driving Training was conducted by Bilal Javed (Admin Officer 1) on 17 May 2022.



TTC organized a 04 week's orientation program for Trainee Engineers with all departments for giving them understanding of company's policy, introduction of departmental functions, basic overview of plant process and equipment. orientation Started Date on 7 Jan-2022.



Critical Food Handlers Training was conducted by Fahad Ahmed (Safety Officer) on 1 jun 2022.



Fire Toxic & Medical Emergency training 2 session was conducted by Fahad Ahmed (Safety Officer) on 10 Feb 2022.

Electrical Safety training session was conducted by Muhammad Abdullah (Safety Officer) on 8 Feb 2022.



TTC organized a 7 Session Permit To Work System & Safe System Of Work For Overhaul 2022 Training was conducted by Shuaib Iqbal (Assistant Manager QHSE) & Muhammad Irfan (Senior Shift Manager) on 1 Feb 2022.



Working at Height training session was conducted by Muhammad Furqan Khan (Safety Officer) on 9 Feb 2022.



Distribution Emergency Handling / Toxic Refuge Training was conducted by Fahad Ahmed (Safety Officer) on 15 Mar 2022.



Use of Personal Protective Equipment training session was conducted by Fahad Ahmed (Safety Officer) on 26 Jan 2022.



Use Of Fire Extinguishers Training was conducted by Fahad Ahmed (Safety Officer) on 24 May 2022.



TTC organized a 2 Week's Stand By Man training Session For Overhaul 2022 was conducted by Fahad Ahmed (Safety Officer) on 10 Feb 2022.



Vigilant Action with Successful Outcomes

Waqas Hameed

Co-Generation Plant is one of the main units of production department for continuous power and steam supply to PTA manufacturing process. Natural gas booster compressor (NGBC) is a vital component for providing continuous fuel supply to gas turbine in order to generate electricity. For this purpose, two gas compressors are provided out of which one is on primary control while the other one is standby.

On 29-Mar-2022, the primary compressor i.e., NGBC-A got tripped on its lubrication failure fault and standby unit i.e., NGBC-B cut-in on auto to maintain the fuel supply to gas turbine. Meanwhile, gas turbine was running on full load at its temperature

control limit along with SPRINT operation and in these conditions continuous operation of gas turbine is a challenging task for operation team. Shift team evaluated the situation smartly and immediately responded to the emergency with quick load & sprint system management to come out of the uncontrolled operating conditions. The emergency was handled very well with positive and successful outcomes by "Mr. Waqas Hameed (SM-Cogen), Mr. Saad Ghafoor (JEP-Cogen), Mr. Haris Khan (SE-III) and Mr. Shahzaib Naveed (TSM Cogen)" who showed their talents with strong nerves to grip the emergency brilliantly through their vigilant monitoring, calmness and technical skills.

The LCPL Journey of Mr. Furqan Ahmed

Muhammad Irfan

Mr. Furqan Ahmed is a progressive and self-motivated team player of Oxidation Plant working in company since 2005. He joined as Apprentice and completed his training in "Oxidation Reaction area" and became permanent member of company in 2007. With the passage of time, he has proven himself as a good trainer and trained many apprentices assigned to him. Personal development is a lifelong process, it is a way for people to assess their skills and qualities, consider their aims in life and set goals in order to realize and maximize their potential. He started his cross plant

training and achieved ownership of "PAC area" in 2014 and then "CRU" in 2018. Further to grow himself, he accepted challenges and made himself more valuable asset to company by completing his training as DCS Boardman Oxidation in 2022. He is now performing duties as independent DCS Boardman after completing his training and going through a rigorous process of validations.

We truly appreciated the efforts of Mr. Furqan Ahmed and wish him best of luck for his new role as DCS Boardman Oxidation Plant.



Creating Flexible Workforce

Arsalan Ahmed

Training and development process of individuals augments continual growth and improvement of employees. It improves employee collaboration, increased workplace sustainability, induces betterment to systems and values of a workplace and undoubtedly assures career development of people.

In order to promote learning and to advance people at reformed roles, LCPL has a system to cross train people for inter-departmental as well as intra-department movement.

To begin with production department initiatives in 2022; Mr. Farhan Sagheer (formerly Shift Manager Utilities Plant) and later Mr. Arsalan Ahmed (formerly Shift Manager Purification Plant) were assigned training for the same role at Cogeneration Plant with definite targets. Mr. Farhan



Sagheer had completed his training and validation as per plan and is successfully performing independent duties at Cogeneration Plant since March-2022 with an aim to deliver beyond expectation. Same headway is being followed by Mr. Arsalan Ahmed and soon he will be undertaking the role independently.

Both were truly welcomed on board and are playing their part at Cogeneration Plant to achieve self and team objectives.

E&I Workshop Renovation

Sheheryar Zia Siddiqui

One of the goals of TPM is to build a quality work environment and optimize productivity at LCPL. Instrumentation team, in collaboration with TPM department, took the initiative to redesign E&I workshop in a more efficient and ergonomic way. the main focus was to separate office and workshop working area and to improve the workbenches. A separation wooden wall was created to segregate the two areas and new wall cabinets along with soft boards in cubicles were installed. In work area E&I workbenches were revamped in-house; all the necessary utilities such as power

supplies, Master gauges, lighting and instrument air supply were arranged on the workbench in an efficient way.

Successful execution of this project can be attributed to Asif Farooqui (AE Instrumentation) and Hassan Kazmi (AE Electrical). The renovation has brought increased efficiency in workplace and speed of functions. An organized and safe workplace not only boosts the morale, but also increases workers' productivity and reduces the risk of workplace accidents.



Efficient Troubleshooting

Asad Hayat

Process Air Compressor (PAC) intake air filtration system has an intermittent reverse pulse of high-pressure air that effectively removes the agglomerated dust off the filter panel. Post overhaul 2022, PAC intake air filtration system had been problematic as its intake air filter fan tripped repeatedly on overload. Its power supply was modified from RMU but the issue persisted. Operations team looked into the issue keenly, and observed that the

G4 sheets installed at pre-filters were restricting the intake air flow. Additionally, the reverse flow from the intake filter fan was observed due to the vacuum inside. Pre-filters G4 sheets were removed and the system was tested, intake air fan was observed normal afterwards. In May 2022 short shutdown, the power supply of C1-116 was normalized to its previous route and the tripping issue of C1-116 was successfully resolved.

Ideas without action are useless

Sohail Akram / Shahzaib Naveed

Plant improvement has always been the main objectives of the Production team. Every year the team comes up with different ideas that reduce the variable cost or make the process more efficient. During Overhaul 2022, many an ideas were implemented at Cogen Plant to make the process smooth with the aim to reduce variable cost.

1. A strainer was installed on the cooling water line for NGBC-A Lube oil cooler with a bypass line to prevent choking of the cooler tubes with foreign material. In the past, cooler used to choke frequently due to which there remained a need to install water spargers to maintain lube oil temperature within range.

2. HP-Steam Traps condensate drains were connected to common drain header and directed towards HRSG cooling pit which is far away from the GTG filter house. In the past we were facing steam ingress inside the GTG filter house which caused the

filters to choke, additionally, constant steaming from the traps created slippery surfaces in the surrounding leading to housekeeping concerns.

3. Permanent water wash system with interconnecting pipe lines to perform water wash activity was one of the modifications which helped to remove housekeeping concerns and tripping hazard from area.

4. Instrument Air Isolation Valve of the GTG filter house was relocated to man height at ground level to isolate instrument air in case of an emergency. It is one of the MODs which have improved emergency handling during instrument air failure.

Good ideas with the right execution can make things quite easy for both, the operation and the maintenance teams. Many issues which we used to face in past got addressed through these modifications, and process has become smoother.

Biogas compressor and Scrubber Commissioning

Yasir Ahmed Sheikh

Biogas scrubber and compressor are part of the second phase of the AETP project, whose purpose was to reduce Hydrogen Sulfide- a hazardous gas- down to allowable limits within the scrubber, then use that H₂S-free biogas within the boilers, thus saving a significant amount in terms of natural gas consumption.

Commissioning activities- starting from flushing and blowing of pipelines, to starting of the biogas compressor, and successfully operating Boiler on biogas- took a span of 6 days, from 11 April to 16 April.

As part of the commissioning checklist, initially, a water trial of biogas scrubber- which is the first unit in this series- was carried out to ensure proper operation of equipment and verification of all the relevant logics. While some nuisances were encountered, they were timely dealt with to ensure trouble free commissioning and avoid any HSE related concerns.

Like its parent AETP, all these equipment required a rigorous process of logic and equipment testing, following which biogas was finally allowed to enter the scrubber, then safely injected within the natural gas header via the compressor in presence of the OEM vendors.

Working under the sweltering sun for hours and that too in Ramadan, was no easy task. Yet, the team, propelled by their commitment to work and dedication, continued to work with the same energy, and eventually brought the project to a success.

As this project had a vast magnitude, multiple teams from many departments, which include Production, Technical, Projects, Instrumentation & Electrical, Mechanical as well as HSE, were involved in its successful execution, all of which deserve high appreciation and acknowledgment for their immense dedication and passionate work.

In-House replacement of First TA Crystallizer Radioactive LT Housing

Zain Ali Shah

At LCPL Radioactive Level Transmitters (LT) perform the most difficult and critical level measurements. Thus, their reliability is always a major concern of Instrumentation department. In past few months some issue was observed with First TA crystallizer LT. In response Instrumentation team mainly Syed Raza Anis (Manager Instrumentation), Umair Aleem (Manager Instrumentation Core-plant & DCS) and Syed Mehmood Ali (Engineer Inst.& Reliability) came up with the idea to replace existing radioactive detector housing with water cooled housing to improve reliability.

This Replacement activity was performed during May 2022 Short Shutdown (SSD). performing the replace-

ment of the detector housing in a short span of time was a challenge that Instrument team took head on.

This 18 hour long planned activity was performed by Umer Zareen Khan (Engineer Instrumentation), Muhammad Nadeem Bhatti (Engineer Instrumentation) and in house team. The activity involved removal of existing housings and installation of new water cooled housing along with the cooling water tube connections. Through good planning and timely arrangement of the resources the activity advanced and concluded within the planned time frame. After this activity LT response is very encouraging.



OH-2022 Success: Cogeneration Plant

Arsalan Ahmed

The Co-generation plant is designed to provide reliable, economical and consistent power supply to the LCPL Plant site and also high pressure, process quality steam. Overhaul-2022 was strategically planned and executed starting from 22-Feb-2022 and continued for 12.5 days production to production.

At Cogeneration plant, Overhaul planning had started on 01-Feb-2021 as per preparation plan and scope of jobs was decided as per schedule. Lists containing all SSD jobs and pending Preventive Maintenance jobs waiting for plant condition were prepared. Correspondence was made with planning and maintenance team to finalize these job lists. As per the feedback received, the final job list was consolidated and issued. Key activities performed during this outage included cleaning of GTG HPC Blades, Semi Annual Inspection of GTG, BSI, Carbon seal replacement and annual overhaul of NGBC-A.

In lead of Plant Manager Mr. Sajid Khan, following were the key objectives of Cogeneration plant during Overhaul-2022

- To comply with health, safety and environmental standards and guidelines.
- To carry out proper de-classification of area before handing it over for maintenance work.
- To ensure supervision of all major and minor jobs and quality of work.
- To cross check each job after its completion.
- To make sure all jobs are as per timeline schedule without compromising HSE & S.

GTG was stopped at 1300 hrs on 22-Feb-2022 and was successfully bought back online on-time with zero injuries at plant on 04-Mar-2022 at 1830 hrs. Cogeneration team was able to execute and test all planned jobs and modification of this overhaul. All was achieved by hard and dedicated efforts of team and all planned targets were delivered with spirit and determinations.

Dawood UET Students Industrial Visit

As a part of Industrial Tour Program, a group of 52 students of Chemical Engineering department of Dawood University of Engineering & Technology, along with faculty staff visited Lotte Chemical Pakistan Limited on 21 June 2022.

Muhammad Sajid Khan, Plant Manager Cogen & Mr. Wali Ahsan, Process Development & Laboratory Manager delivered the presentation on manufacturing processes of the company. The Plant tour was

conducted by Muhammad Sajid Khan, Plant Manager Cogen. Students took keen interest in the plant visit and presentation to gain maximum benefits and learnt about LCPL.

Such tours are an essential part of the academic process and help students acquaint themselves with engineering activities, design parameters, characteristics of equipment and manufacturing process in plants. Lunch was also served to students and faculty staff.



OVERHAUL-2022 (Commitment Towards Common Goal)

Umair Siddiqui

Plant major overhaul was planned this year in Feb-Mar this year, which was executed as per plan and without any unwanted outcome. Planning and execution of overhauls is always a challenging task as it requires thorough working on each and every activity performed with efficient use of time, materials, manpower and other resources.

Production team is always keen to taking up challenges and continuously raising the bar of efficiencies achieved. Overhaul 2022 was another instance of enhanced productivity through exem-

plary team work and dedication. This was the shortest overhaul in the history of LCPL with the duration reduced from 18 days in OH-2020 to 12 days in OH-2022. The handover of plant and area declassification activities were also completed in record times. Most importantly, this reduction in time was done without any compromise on quality of work. Furthermore, Nitrogen consumption was reduced by 33% in this overhaul as compared to previous one, which is a significant saving. Production team is committed to growth and making new records with each passing year.

Trainee recruitment process

Aman Fatima

Recruitment process for Trainee Engineers is a long but necessary process to find the right talent for the position. With a clear cut process to screen resumes and scout for potential talent, the Trainee Engineer Program focuses to find individuals that can grow within the company keeping in mind the company's vision and mission. The Trainee Engineer program has steps to ensure that each candidate is evaluated justly on the basis of their merits.

The process begins with the with a screening test which comprises of three sections: IQ; technical knowledge; and essay writing, with one hour given to each candidate to complete the test.

After the test papers are evaluated, the candidates who have cleared the test are selected for the 1st

round of interviews. The ones who are selected in the first round interview are then advanced to the second round of interviews. The candidates are interviewed on the basis of their knowledge, their communication and leadership, and their ability to think on their toes. The interviews are conducted by interviewers ranging from Assistant manager to Managers to Department head to Director Manufacturing.

Once the candidates clear their interviews the next phase starts. In this phase the candidates get their medical test done which is a requirement. The medical test results are then sent to the company doctor to assess if the candidate is fit to work in the plant environment. Once all phases of the Trainee Engineer recruitment process is cleared the candidates are set to start work.



One Team – One Dream

Raja Abdullah Khan

Continuing LCPL's tradition of continuous improvement, a challenge was taken by the team to complete the biennial plant Overhaul in a record 14 days. As a result, this Overhaul was much more challenging when it came to timely completion keeping its core objectives of Cost, Quality and Safety as a focus.

The resilience and experience of the team showed when they not only achieved the objective but also completed the Overhaul in a record 12.5 days saving valuable time for the business in the period of high demand.

The planning for Overhaul began well over a year ago as a detailed preparation plan was prepared by the Planning team. With the support of the Steering Committee, comprising of the senior management, the implementation of the plan was ensured. Progress was shared with the stakeholders on a regular basis regarding all the important milestones relevant to Overhaul. Their guidance and support were pivotal in the success of the Overhaul.

Individual Overhaul coordinators were also assigned by each section to coordinate with the planning team throughout the preparatory phase. Multiple meetings were held to finalize the scope of the Overhaul in terms of the jobs to be attended and the resources required to ensure the job execution. Based on the job requirement material ordering was carried out with the support of the Commercial team, who made extensive efforts to ensure maximum availability of ordered material despite global logistic difficulties. Required services were also identified and with the support of the Commercial team the services were acquired in a timely and cost-effective manner. Foreign services were also acquired, and necessary arrangements were made with the support of Admin and Security teams. Admin and Security team also made sure that all the necessary arrangements were in place for the duration of the Overhaul which ensured the security and morale of the execution team.

Based on the job plans a detailed execution timeline was prepared on Primavera P-6 by the Planning team. Through effective communication with the coordinators the timeline was refined and improved. As an improvement a day wise maintenance summary was developed for each key job. Progress monitoring was carried out based on these plans which helped in effective resource planning and execution of the jobs in hand.

Safety is always LCPL's foremost priority, and HSE department provided key support to ensure a safe and

injury free Overhaul once again. A safe system of work document was developed with the support of the coordinators which acted as a guidance throughout the duration of the Overhaul. Special training sessions were also held prior to Overhaul to create awareness amongst the staff. Daily newsletters and thorough monitoring of the activities and conditions of the plant helped ensure a safe working environment for the people on site. Toolbox talk sessions were held daily by the Engineering team to cascade the observations and learnings to ensure behavioral safety standards. Process safety was ensured by the Production and Technical team during the start up and shutdown of the plant especially during the decontamination phase. Special COVID-19 related SOPs were also prepared by the Planning team to ensure a safe working environment. A COVID management team was also formed to ensure implementation of SOPs.

Several initiatives were taken by the LCPL team for the Overhaul. Many a jobs were carried out in-house for the first time without foreign vendor support including PAC, CTA Dryer, and PTA Dryer maintenance and inspection jobs. Overhauling of motors was carried out through two service providers instead of one to save time and other initiatives to optimize the resource utilization.

Prior to the Overhaul, a briefing session was arranged on site with limited participation, due to COVID restrictions. In the session all the sections briefed the participants over the activities to be performed and the support required from the other sections. This helped bridge any remaining communication gap and brought the entire team on the same page.

Through effective planning, regular monitoring and control, and the dedication and efforts of the entire LCPL team, the Overhaul was completed timely, safely, within budget and as per required quality standards. Once again the LCPL team showed that with their dedication and teamwork, they can achieve the most difficult of targets.





Saad Abdul Qadir, BE (Chemical Engineering), NED University of Engineering & Technology, Karachi, has joined the Company as Trainee Engineer, with effect from 6th January 2022.



Shahzaib Naveed, BE (Chemical Engineering), NED University of Engineering & Technology, Karachi, has joined the Company as Trainee Engineer, with effect from 6th January 2022.



Zain Ali Shah, BE (Electronic Engineering), NED University of Engineering & Technology, Karachi, has joined the Company as Trainee Engineer, with effect from 6th January 2022.



Abdul Moiz, BE (Chemical Engineering), National University of Sciences & Technology (NUST), SCME, Islamabad, has joined the Company as Shift Manager, with effect from 12th April 2022. He has done his two-year Training as Trainee Engineer Chemical at LCPL.



Muhammad Aqib Alam, BE (Chemical Engineering), NED University of Engineering & Technology, Karachi, has joined the Company as Trainee Engineer, with effect from 11th April 2022.



Sheheryar Zia Siddiqui, BE (Electronic Engineering), NED University of Engineering & Technology, Karachi, has joined the Company as Trainee Engineer, with effect from 25th April 2022.



Areeba Umer, BE (Chemical Engineering), NED University of Engineering & Technology, Karachi, has joined the Company as Trainee Engineer, with effect from 1st June 2022.



Syed Muhammad Shahzil Rehman, BE (Chemical Engineering), University of Karachi, has joined the Company as Trainee Engineer, with effect from 1st June 2022.



Jonathan Vegas has joined the Company as Sub Engineer Electrical-II, with effect from 6th June 2022. He has completed Bachelor of Technology in Electrical from Indus University, Karachi. His last employment was with K-Electric.



Anamta Farooque, BE (Electrical Engineering), NED University of Engineering & Technology, Karachi, has joined the Company as Trainee Engineer, with effect from 13th June 2022.

Long Service Award Recipients



Adnan Ul Haque completed 25 years of service on 1st February 2022. He joined the company on 2nd February 1997 and is presently working as General Manager Operations.



Syed Qamar Alam completed 25 years of service on 1st February 2022. He joined the company on 2nd February 1997 and is presently working as General Manager Works.



Syed Masood Ul Hasan completed 25 years of service on 1st February 2022. He joined the company on 2nd February 1997 and is presently working as General Manager Operational Excellence.



Mohammad Anwar Hayat completed 25 years of service on 1st February 2022. He joined the company on 2nd February 1997 and is presently working as Assistant Manager Process (Pure).



Syed Mehmood Ali completed 25 years of service on 1st February 2022. He joined the company on 2nd February 1997 and is presently working as Engineer Instrumentation Reliability & Modifications.



Raja Waheed Ullah Khan completed 25 years of service on 1st February 2022. He joined the company on 2nd February 1997 and is presently working as Director Admin, HR & IT.



Nizar Ismail Lalani completed 25 years of service on 23rd March 2022. He joined the company on 24th March 1997 and is presently working as HR Operations Manager.



Hamid Hussain completed 25 years of service on 20th April 2022. He joined the company on 21st April 1997 and is presently working as Senior Warehouse Officer.



Mohammed Hussain Hashmani completed 25 years of service on 13th April 2022. He joined the company on 14th April 1997 and is presently working as Assistant Purchase Manager.



Zia Ur Rehman completed 25 years of service on 3rd April 2022. He joined the company on 4th April 1997 and is presently working as Assistant Manager Administration.



Muhammad Sulaman completed 25 years of service on 20th April 2022. He joined the company on 21st April 1997 and is presently working as Senior Assistant Engineer Process (Utilities).



Imranullah Khan completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Engineer Electrical Reliability & Modifications.



Abdul Qadeer completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Manager Process (Oxidation).



Hamid Shaffi completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Manager Process (Pure).



Inayat Umer completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Purchase Manager.



Mansoor Alam completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Engineer Workshop.



Mohammad Shoaib completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Engineer Mechanical.



Muhammad Aleem Khan completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Engineer Planning.



Rashid Minhas completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Manager Process (Pure).



Syed Mohammad Hassan completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Engineer Electrical (Oxidation, B&I and Split ACs).



Syed Nadeem Mehdi completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Engineer Mechanical Reliability.



Umer Zareen Khan completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Engineer Instrumentation.



Muhammad Khaliq completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Engineer Instrumentation (Utilities & Cogen).



Nafees Ahmed completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Manager Stores.



Abdul Jabbar Malik completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Engineer Process - Purification.



Mohammad Ikram completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Engineer Workshop.



Muhammad Ausafuddin completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Engineer Process (Oxidation).



Mushtaq Ahmed completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Engineer Electrical (Utilities & Cogen).



Shujaat Ali Khan completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Engineer Instrumentation (Oxidation).



Syed Aly Hassan Kazmi completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Engineer Process (Cogen).



Syed Khalid Ashraf completed 25 years of service on 4th May 2022. He joined the company on 5th May 1997 and is presently working as Assistant Engineer Instrumentation.



Mohammad Riaz completed 25 years of service on 15th June 2022. He joined the company on 16th June 1997 and is presently working as Purchase Manager (Non-Engineering).



Allah Dino Mahar completed 25 years of service on 30th June 2022. He joined the company on 1st July 1997 and is presently working as Assistant Manager Process (Pure).



Shahzad Ibrahim Ansari completed 20 years of service on 30th June 2022. He joined the company on 1st July 2002 and is presently working as Production Manager.



Syed Mujtaba Ali Rizvi completed 20 years of service on 30th April 2022. He joined the company on 1st May 2002 and is presently working as Treasury, Salaries & Funds Manager.



Tahir Mahmood completed 20 years of service on 11th January 2022. He joined the company on 12th January 2002 and is presently working as Assistant Engineer Process (Oxidation).



Muhammad Ismail completed 15 years of service on 14th January 2022. He joined the company on 15th January 2007 and is presently working as Plant Manager - Utilities.



Noor Nabi completed 15 years of service on 15th April 2022. He joined the company on 16th April 2007 and is presently working as Plant Manager Oxidation.



Asad Hayat completed 15 years of service on 21st January 2022. He joined the company on 22nd January 2007 and is presently working as Senior Shift Manager - Oxidation.



Muhammad Sajid Shafique completed 15 years of service on 15th April 2022. He joined the company on 16th April 2007 and is presently working as Senior Shift Manager.



Sumayyah Waheed completed 10 years of service on 1st April 2022. She joined the company on 2nd April 2012 and is presently working as Senior Assistant Manager TPM.

Lotte کیمیکل نے گزشتہ کئی سالوں سے اپنے ملازمین کے لیے حج معاونت اسکیم مرتب کر رکھی ہے۔ اس اسکیم کے تحت ہر سال قرعہ اندازی کے ذریعے تین ملازمین کو حج کے لیے منتخب کیا جاتا ہے۔ اس سال، حج کے لیے قرعہ اندازی 11 فروری 2022 کو منعقد کی گئی، اس تقریب کی صدارت مہمان خصوصی ڈائریکٹر ایڈمن، ایچ آر اینڈ آئی ٹی جناب وحید اللہ اور سید رضوان احمد، ایڈمن اور آئی آر مینیجر نے کی۔

ہم حج قرعہ اندازی کے ذریعے منتخب ہونے والے درج ذیل ملازمین کو مبارک باد پیش کرتے ہیں۔

ڈپارٹمنٹ

نام

پروڈکشن

جناب حسان صدیقی

انجینئرنگ

سید شیراز علی

انجینئرنگ

ایم الطاف خان

اسٹینڈ بائی

انجینئرنگ

عاشق علی



نان مینجمنٹ اسٹاف کے لیے پکنک کا انعقاد

طارق عثمانی

کمپنی کی سالانہ روایت کے پیش نظر، IR ٹیم نے نان مینجمنٹ اسٹاف کے لیے پکنک پر 22 جون کو پکنک کا پروگرام منعقد کیا۔ پورے دن پر محیط اس تفریحی پروگرام سے ملازمین کو روزانہ تھکاوٹ دینے والے معمول سے آزادی اور پرسنل ماحول سے لطف اندوز ہونے کا موقع ملا۔ ملازمین نے پورا دن سمندر میں تیراکی، گھڑ سواری، کرکٹ اور فٹ بال کھیلتے ہوئے زبردست موج مستی کرتے ہوئے گزارا۔



اس پروکار تقریب کے مہمان خصوصی اسلامی جمہوریہ پاکستان کے صدر جناب ڈاکٹر عارف علوی تھے۔ Lotte کیمیکل پاکستان لمیٹڈ (LCPL) کی جانب سے جناب سہیل عباس (HSE) اور ٹیکنیکل ٹریننگ مینیجر نے ایوارڈ وصول کیا۔

Lotte کیمیکل پاکستان لمیٹڈ (LCPL) نے 16 ویں EFP بیسٹ پریکٹس ایوارڈ کے لیے کیمیکل سیکٹر میں دوسری پوزیشن حاصل کرنے میں کامیابی حاصل کی، کمپنی نے آئیوٹیشنل سیفٹی اور ہیلتھ (OS&H) کی کیٹگری میں 2021 کے لیے ایوارڈ جیتا، انعامات کی تقریب کا انعقاد ایپلائز فیڈریشن آف پاکستان (EFP) اور انٹرنیشنل لیبر آرگنائزیشن (ILO) کی جانب سے میریٹ ہوٹل کراچی میں 21 مئی 2022 کو کیا گیا تھا۔



پلانٹ ہائی ریٹ ٹرائل

ولی احسن

پروڈکشن ٹیم کے درمیان تبادلہ خیال ہوا اور 26 مئی 2022 کو ٹرائل کا آغاز کیا گیا۔ پروسیس کے تمام پیرامیٹرز، کوالٹی اور لیکو پیمنٹ کی صلاحیت اور پائیداری کا مفصل جائزہ لیا گیا، بعد ازاں کسی بھی قسم کی رکاوٹ سامنے نہیں آئی۔

اضافی رفتار کی تفصیل کی بنیاد پر یہ کہنا درست ہو گا کہ LCPL کی مینوفیکچرنگ صلاحیت کو بحفاظت انداز میں 2.5 فیصد بڑھا یا گیا جس میں مستقبل کے لیے مزید اضافے کی گنجائش ہے۔ اس کے ساتھ LCPL مینوفیکچرنگ ٹیم کی کامیابیوں میں ایک اور کامیابی کا اضافہ ہوتا ہے۔



آکسیڈیشن ری ایکٹر میں ردوبدل سے قبل 63 ٹن فی گھنٹہ پلانٹ کی شرح برقرار رکھنے کے لیے 2 کپریٹر ہوا کی فراہمی جاری رکھے ہوئے تھے، تاہم چھوٹے کپریٹر کی اندرونی ردوبدل کے ذریعے ری ایکٹر کی صلاحیت بڑھانے کے پیش نظر اسی رفتار کے پلانٹ ریٹ پر اسے بند کیا گیا تھا۔ پلانٹ ریٹ میں مزید اضافے کے لیے ہوا کی مذکورہ رکاوٹ کو ہٹایا گیا۔

ری ایکٹر موڈی فیکشن کے بعد آکسیڈیشن پلانٹ کو کبھی بھی اس کی مکمل صلاحیت پر نہیں چلایا گیا، آکسیڈیشن پلانٹ کی پر اعتماد صلاحیت کو حاصل کرنے کے لیے یہ ضروری سمجھا گیا کہ پلانٹ کو tph64.5 کے زائد ریٹ پر چلایا جائے۔ مئی کے وسط میں آپریٹنگ ہدایات پر ٹیکنیکل اور



connect



پلانٹ ہائی ریٹ ٹرائل

