

|H2|2024|

connect

Reflections on Excellence & Achievements



Employer of the Year Award

Rushna Khalil

On 30 July, LOTTE Chemical Pakistan Limited (LCPL) was proudly awarded the Employer of the Year Award in the Medium Multinationals category, marking its 10th consecutive win since the award's inception in 2012. The prestigious recognition was presented during an award ceremony hosted by the Employers' Federation of Pakistan.



Organization office for Pakistan.

The award was handed over by Mr. Shahid Abdul Salam Thahim, Minister for Labour and HRD, Government of Sindh, in the presence of Mr. Geir Tonstol, Country Director of the International Labour

Mr. Raja Waheed Ullah Khan, Director of Admin, HR & IT, represented LCPL and received the honor on behalf of the company.

Best Corporate & Sustainability Report Award for 2023

Syed Usman Masood

The Company received accreditation for Certification of Merit for Best Corporate Report Awards - Chemical Sector, for its 2023 Annual Report by the Joint Evaluation Committee of Institute of Chartered Accountants of Pakistan (ICAP) and the Institute of Cost and Management Accountants (ICMA) International.

The Annual Report is the Company's most important strategic communications document and this certificate is the symbol of pride and honor for the Company and the corporate sector. It represents the Company's commitment and transparency in financial reporting for the benefit of all stakeholders of the Company.



Editorial

Dear Readers,

As we reflect on the second half of 2024, it is with immense pride and gratitude that we share the incredible milestones our company has achieved.

One of the most significant highlights was our Green Excellence Awards, where we celebrated and recognized outstanding contributions toward creating a greener, more sustainable world. In addition to internal accolades, our commitment was acknowledged externally with prestigious awards for environmental efforts, tree plantation initiatives, and being named Best Employer of the Year. We also earned recognition for our Corporate and Sustainability Report, underscoring our transparency, governance, and forward-looking strategy.

Another monumental achievement was the successful execution of our overhaul event, a project that required meticulous planning, seamless teamwork, and unparalleled execution.

As we move forward, these achievements remind us of the importance of collective responsibility— toward the environment, our stakeholders, and our people. Together, we are building a future rooted in sustainability, excellence, and innovation. This perfectly aligns with our vision of being a Lifetime Value Creator, inspiring us to continue making a meaningful impact.

Warm Regards,

The Newsletter Committee

10th Environment, Health & Safety Award

Ahmed Abedi

LCPL was awarded the 10th EH&S Award on 22 August at an award ceremony organized by The Professionals Network (TPN). The evaluation was conducted by an independent panel from the TPN governing body.

Mr. Raja Waheed Ullah Khan (Director, Admin, HR & IT) received this prestigious award on behalf of LCPL during a ceremony held at the Mövenpick Hotel, Karachi.

Mr. Anjum Nasir (Senior Vice Chairman, Business Group, Karachi Chamber of Commerce & Industry) was the Chief Guest. Prior to the award ceremony, the Chief Guest shared his views on EHS activities and their importance.



21st Annual Environmental Excellence Award

Shuaib Iqbal

Lotte Chemical Pakistan Ltd. was honored with the 21st Annual Environmental Excellence Award 2024 on 07 August at an award ceremony organized by the National Forum for Environment & Health (NFEH). The evaluation was conducted by an independent panel from the NFEH governing body.

Mr. Dost Mohammad Rahimoon (Minister Climate Change & Coastal Development – Govt. of Sindh) was the Chief Guest of the ceremony where as H.E

Mr. Bakheet Ateeq Al Romaithi (The Consulate-General of the United Arab Emirates in Karachi served as the Guest of Honor. Before the award ceremony, the Chief Guest expressed shared his thoughts on environmental conservation and its significance.

Mr. Sohail Abbas (HSE & Technical Training Manager) received this prestigious award on behalf of LCPL at the ceremony held in Karachi.



Green Excellence Award Ceremony

Ahmed Abedi

The Green Excellence Award Ceremony was held on 29 October at the LCPL Plant Site, celebrating environmental stewardship and creativity. The event featured an inspiring exhibition of paintings created by the children of staff members, who were invited to the site and honored with awards for their artistic contributions.

Additionally, employees actively involved in plantation activities were recognized for their efforts with honorary shields. The ceremony underscored LCPL's commitment to fostering environmental awareness and community engagement.



Boiler-B PLC Control System

Uzair Khan/ Iffat Rehman/Saad Khan

The Boiler-B PLC upgradation and modernization project marked a major milestone in enhancing plant efficiency and reliability. The obsolete S5 PLC system was upgraded to a modern S7 digital system, improving data acquisition, real-time monitoring, and system integration. The new system features an advanced Human Machine Interface (HMI) with a user-friendly touchscreen for streamlined operations.

The transition was meticulously executed during the plant overhaul, with rigorous Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT) ensuring functionality and seamless integration. Comprehensive training equipped personnel for effective operation and maintenance.



Installation of a 15 kW Solar System

Muhammad Hassan

The Electrical Team has successfully completed the company's first-ever green energy project at the Raw Water Pumping Station with the installation of a 15-kW solar power system. This system replaces the need for a small rental engine previously used during plant overhauls when generator loads were insufficient.

Seamlessly integrated into the existing infrastructure and thoroughly tested, the solar system now provides a reliable, cost-effective, and sustainable power supply for essential operations. It reduces dependency on non-renewable resources and significantly lowers operational costs.

Through meticulous planning, collaboration with



vendors, and engagement with internal stakeholders, the team has enhanced operational reliability while advancing environmental sustainability. This initiative sets a benchmark for future renewable energy projects, reinforcing our dedication to efficiency and green energy practices.



Solids Recovery Trial

Waqas Hameed

The Purification Plant team continually strives to minimize PTA solid losses, a challenge due to the fine nature of solids slipping through centrifuges with mother liquor. To address this, a trial was conducted in F1-1601 (Mother Liquor Vessel), which acts as a buffer upstream of the mother liquor filter (M1-1603). The innovative approach involved introducing conveying gas (CG) to reduce the solubility temperature of solids, keeping them in suspension to enhance recovery in the downstream filter, M1-1603.

In October, the CG trial showed promising results. Temperature monitoring with a portable thermometer



revealed a significant increase in suspended solids concentration. Building on this success, a permanent temperature gauge was installed in December during the overhaul to further monitor the process.

Safeguarding Operations

Aneeq Ehrar Siddiqui

In response to supply chain challenges and import restrictions, the lubricant for the natural gas booster compressors—an asset critical to the plant's sustainable operations—was successfully transitioned from Mobil Rarus 429 to Mobil Pegasus 1005. The urgency arose from high daily consumption and a rapidly depleting inventory, prompting an expedited evaluation of alternative options.

Multiple vendors were engaged, and potential alternatives were rigorously assessed against Original Equipment Manufacturer (OEM) guidelines. After detailed discussions and approval from the OEM business partner, Mobil Pegasus 1005 was selected as the optimal replacement. The transition was executed seamlessly, and the compressor was safely

commissioned, with all parameters operating within normal ranges.

This proactive approach not only resolved the immediate supply challenge but also delivered significant cost benefits. The switch has resulted in annual savings of PKR 5.5–6 million, successfully balancing technical and financial considerations.



Exemplary Response: Shift Team at The Ready

Muhammad Taimoor Aijaz

At LCPL, the production team works tirelessly to ensure uninterrupted PTA production, operating around the clock, including nights, weekends, and holidays. Their dedication keeps the plant running smoothly year-round.

On 28th and 29th December, the team faced a critical challenge when the controlling valve PCV-1115 A of the Oxidation Reactor malfunctioned, posing a risk of operational loss. Thanks to the swift and skilled response of the shift team, the issue was resolved without disrupting operations.

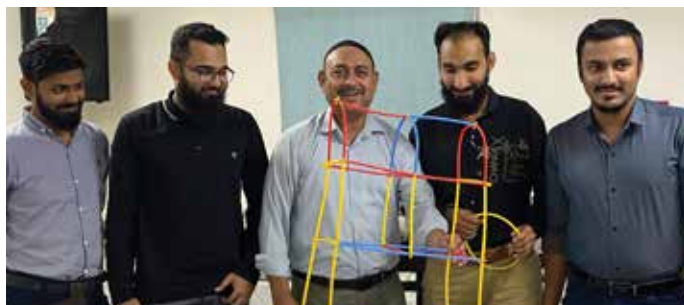


Personal Productivity Program

Rushna Khalil

A personal productivity training program by Meaningful Lives was conducted on 10 Sep. Key topics included self-reflection exercises, understanding the ripple effect of emotions,

prioritization techniques, and methods like time estimation, time boxing, and habit building. The program provided practical tools to enhance productivity and personal growth.



NUST-PNEC Students' Industrial Visit

Ahmed Abedi

On 16 October, students from NUST-PNEC visited the LCPL Plant Site for an insightful industrial tour. Specializing in Mechanical and Electrical Engineering, the students had the opportunity to witness real-world applications of their academic knowledge.

The visit included interactive sessions with industry experts and tours of key operational units, providing hands-on exposure to advanced engineering practices. The experience was instrumental in bridging the gap between theoretical learning and practical implementation, leaving the students inspired and well-informed about their future careers.



Visit of Director Pakistan Nuclear Regulatory Authority

Shuaib Iqbal

On the director of the Pakistan Nuclear Regulatory Authority (PNRA-RNSD-III) visited Lotte Chemical Pakistan Ltd. with the objective to review HSE & Safe System of Work practices in radiation safety implemented at LCPL and to reaffirm compliance with radiation safety and security measures per legislative requirements.

The Director was warmly received by Mr. Tariq N. Virk (Director Manufacturing), Mr. Adnan Ul Haque (GM Operations), Mr. Syed Qamar Alam (GM Works), Mr. Sohail Abbas (HSE & Technical Training Manager), and Mr. Shuaib Iqbal (Manager QHSE & IMS Compliance).

The PNRA team was briefed on LCPL's HSE&S Management System, manufacturing processes, and site security systems. During the plant tour, the team appreciated LCPL's safety measures, and expressed satisfaction with the robust systems in place for PTA manufacturing and monitoring.



Celebrating Excellence

Ahmed Abedi

The Chief Executive Award and Long Service Award Ceremony was held on 30th August at the LCPL Plant Site, honoring excellence and dedication. Mr. Young Dae Kim, the esteemed Chief Guest, graced the event

and distributed the awards to the deserving recipients. The ceremony celebrated outstanding contributions and long-standing commitment, fostering a spirit of recognition and appreciation among all attendees.



Optimizing Hydrogen Consumption

Sohaib-ul-Hasan

Hydrogen gas is crucial for the chemical reactions in the Pure Reactor, requiring precise flow control for efficiency and safety. The Pure Reactor Dissolver Modification enhances hydrogen usage by improving flow dynamics and minimizing losses. The modification focuses on optimizing the dissolver design to ensure uniform hydrogen distribution, promoting better reaction efficiency and reducing excess consumption.

Spargers are installed to optimize gas distribution, and the modification addresses inefficiencies such as uneven mixing, leading to reduced hydrogen usage. These improvements result in cost savings and enhanced operational reliability, reflecting a commitment to resource optimization and energy efficiency.



In-House Rectification of Oil Leakage

Muhammad Hassan



Upon detecting oil leakage in Transformer TR-41B, a thorough inspection was conducted, which identified the source of the issue: a leaking drain valve located at the top of the main tank. Acting promptly, the team fabricated a gasket in-house and successfully resolved the leakage.

By utilizing in-house expertise and resources, the team not only addressed the issue effectively but also avoided the significant costs quoted by an external vendor for the same repair. This initiative showcased both cost efficiency and the team's capability to independently manage critical maintenance tasks.

GTG Mapping

Faizan-ul Haque Siddiqui

Gas turbine generators (GTG) are vital for industrial operations, providing power and steam to maximize efficiency. GTG mapping ensures optimal performance, identifies best operating conditions, and extends turbine life while reducing maintenance costs and operational risks.

On 26-27 December, a GTG mapping activity was conducted at Co-Gen with the support of a GE vendor. To ensure plant safety during the process, critical loads were shifted to standby generators, and

a secondary boiler was engaged to avoid disruptions. The mapping involved installing emission sensors, analyzing GTG behavior at various loads, and making real-time adjustments to optimize performance. Despite a frequency variation during synchronization with KE, the Co-Gen team promptly stabilized the situation and successfully completed the mapping.

This essential activity enhances GTG efficiency, reliability, and operational excellence, supporting sustainable industrial performance.



Baffle Replacement

Muhammad Taha Khan



During the purification plant overhaul, the mechanical team resolved a critical issue with the PTA drier's bent baffles, which threatened efficiency. Despite limited support from the manufacturer, the team developed an in-house solution in collaboration with the Workshop.

The process began with analyzing the drier's structure and preparing to remove the connected piping for access. Initially, the plan was to remove and replace all affected baffles by cutting 62 steam tubes. However, the team adapted mid-process, employing a rigging system to restore the bent baffles without further cutting or replacement, significantly reducing time and effort. The cut tubes were subsequently re-welded according to established procedures, and the task was completed five days ahead of schedule.

This innovative approach showcased the team's resourcefulness and saved both time and resources.

Oxidation/Purification Glycerin Skids

Iffat Rehman

To safeguard the integrity of our agitators' seals, we utilize Glycerin skids, which are critical components in our process operations. To enhance their reliability and efficiency, we successfully migrated key parameters—flow, temperature, pressure, and level—from manual monitoring to the Distributed Control System.

This strategic upgrade enables seamless monitoring, precise control, and optimized performance of the Glycerin skids, ensuring the smooth operation of our agitators. It also allows for trend tracking and ensures overall performance, which is essential for monitoring the proportional production of CTA and PTA.

The task was led by Umair Aleem (Manager Instrumentation) in collaboration with Umer Zareen Khan (Engineer Instrumentation) and Asif Farooqi (Engineer Instrumentation).



Mastering Process Optimization

Yasir Ahmed Shaikh

At LCPL, professional development is a cornerstone of our success. In October, the Technical Department, in collaboration with Phitech, organized a three-day training workshop on Aspen Plus, a leading process simulation software.

The workshop brought together members of the Production and Technical Teams to enhance their expertise in modeling and simulating key process equipment, such as heat exchangers and distillation

columns. Through hands-on exercises and case studies, participants tackled real-world challenges, identified bottlenecks, and devised strategies to improve efficiency.

Special thanks to the Production and Technical Teams for their active participation, IT for ensuring seamless software operation, and HSE for creating a safe and conducive learning environment.



Upgrading the Nitrogen compressor PLC

Muhammad Irfan

The Programmable Logic Controller (PLC) system of the PD Nitrogen Compressor has been successfully upgraded from local bulb-type indicators to a modern Human-Machine Interface (HMI) screen. This upgrade enhances visibility, simplifies diagnostics, and centralizes monitoring for operators.

Extensive testing ensured flawless performance of all logic sequences, including start-up, shutdown, interlocks, and safety protocols. The HMI replicates and improves upon the functionality of the previous system, offering a user-friendly interface. Operators were trained on the new system, ensuring a seamless transition without operational disruptions.



Gas Turbine - Expanded Maintenance

Al Aqmar Abbas

LCPL's gas turbine recently underwent critical maintenance to ensure reliability and efficiency. The team carried out Semi-Annual Maintenance with an expanded scope, including the replacement of Variable Stator Vanes bushings, Variable Bypass Valve bell cranks and bushings, and High-Pressure Compressor (HPC) blade cleaning. Originally planned for 12 days, the activity was successfully completed within just 8 days. This quick turnaround saved over PKR 6 million and ensured the turbine's readiness ahead of the next planned shutdown. This achievement underscores LCPL's commitment to efficiency and cost-effective operations



Deep Water Wash – A New Benchmark

Umer Abid

In the ever-evolving landscape of industrial efficiency, Co-Gen team has once again raised the bar. The Co-Gen team has set a new benchmark in industrial efficiency, reducing Gas Turbine Generator (GTG) outage time from 9.75 hours to an impressive 7.92 hours on 12 September. This achievement was made possible through the introduction of on-site water wash effluent sampling, enabling real-time quality analysis and faster process completion.

Rigorous administrative controls, including precise

scheduling, task allocation, and progress monitoring, further streamlined the maintenance process.

The dedicated efforts of team members Umer Abid, Hasan Khalil, Syed Aly Hasan Kazmi, Umair Anees, Abdul Rahim, Muhammad Hammad, Tariq Patel, Raja Muhammad Waqas, Saeed Arain, Abdul Khaliq, and Saad Khan were instrumental in this success.

This milestone showcases the team's commitment to innovation and operational excellence, setting a strong foundation for future advancements.

Successful Completion of F1-2611 Modification

Muhammad Owais Abbas

The successful modification of F1-2611 marks a significant milestone in enhancing operational efficiency at Lotte Chemical Pakistan. The project faced challenges, particularly in decontaminating the acid line and blowing the line within the tank. A gap flange and demineralized water flushing

ensured a safe and efficient process.

This modification will reduce startup time by 12 hours, significantly boosting operational efficiency in the Oxidation department.



A Stitch in Time

Muhammad Sajid Shafique

In plant operations, diligent area monitoring is vital for ensuring smooth functioning and enhancing equipment reliability. A recent incident at the Oxidation area highlights the importance of proactive vigilance in preventing major equipment failures.

During routine checks, Faizan Ahmed, Sub Engineer, noticed abnormal movement in the CTA (Crude Terephthalic Acid) drier girth gear pinion bearing housing. He promptly informed Senior Shift Manager Muhammad Sajid Shafique, who involved Shift Mechanical Technician Junaid Khan. Upon inspection, Junaid found two loose bolts in the bearing housing, causing the subtle movement. The bolts were promptly tightened, preventing potential equipment damage.



Managing Vital Situations with Composure

Arsalan Ahmed



Handling vital issues in a process plant requires a deep understanding of plant operations, equipment details, and the ability to remain composed under pressure.

From 23 October to 1 November, the Co-Generation plant operations team faced a critical challenge when Instrument Air Dryer-02 at Co-Gen experienced persistent issues due to a low dew point temperature. Sequential troubleshooting measures were carried out under the supervision of Arsalan Ahmed (Shift Manager, Co-Gen), with dedicated follow-up by Umair Anees (Apprentice - Co-Gen) and Abdul Rahim (Apprentice - Co-Gen). Their methodical approach ensured that no essential equipment was overlooked or unnecessarily replaced. The issue was ultimately resolved by replacing the air silencers of Dryer-02.

New Aquatron Installation

Mansoor Ahsan Khan

Purity is essential for accurate and reliable chromatographic analyses, as even trace contaminants can compromise results. HPLC-grade water (High Performance Liquid Chromatography) is crucial for analytical procedures such as HPLC, GC, and Gas Chromatograph standardizations and calibrations.

At LCPL, the Aquatron Distillation apparatus, used for producing HPLC-grade water, was non-functional and disassembled. Mansoor Ahsan Khan took the initiative to restore the unit without vendor support. He independently planned, assembled, calibrated, and troubleshooted the system, ensuring it was fully operational and integrated with existing systems.



Building bridges of hope



Donation for Indus Hospital



Donation for LRBT

Analyze & Visualize Data with Power BI

Rushna Khalil

An on-site training session was held on setting Power BI by Mr. Aasim Alee on 12 December. The trainer shared various Power BI techniques like power query and merge queries to streamline data analysis, enabling participants to efficiently manage, analyze, and visualize data for actionable insights.



Continuous Operational Strategy

Maaz Ali

A crystallizer is crucial in the PTA production process, separating pure PTA crystals from a solution by controlling temperature and other parameters. As the solution cools, PTA precipitates out as crystals. To prevent clogging and sedimentation, an agitator is

used to keep the crystals suspended. Glycerin, as a sealing fluid, ensures the agitator's seals remain intact and lubricated. However, glycerin can be flammable at high temperatures, and leakage poses a risk to seal integrity, potentially leading to a plant shutdown.



When glycerin leaked from the sealing system, Shift Manager Abdul Moiz and his team member Hamid Nasir quickly assessed and communicated the issue to all personnel. This clear communication allowed for prompt action, and through effective teamwork, the leakage was addressed, avoiding a shutdown.

The Purification team monitored the situation, ensuring safe plant operations. This incident highlights the team's leadership, communication, and ability to handle unexpected challenges while maintaining operations.

Non-Management Staff Picnic

Ahmed Abedi



The non-management staff enjoyed a delightful picnic at Keenjhar Lake on August, fostering camaraderie and relaxation. The serene surroundings provided the perfect backdrop for a day filled with fun activities, delicious food, and team bonding. Employees participated enthusiastically in games, boating, and group discussions, creating lasting memories. Organized to appreciate their hard work, the event strengthened workplace relationships and left everyone rejuvenated. It was a day of unity and joy, showcasing the spirit of teamwork and mutual respect.



CoGeneration Plant Natural Gas Customer Meter Station (CMS) Revamping Project

Muhammad Sajid Khan

The successful completion of the CoGeneration Plant Natural Gas Customer Meter Station (CMS) Revamping Project is a testament to the outstanding collaboration and dedication of the LCPL and SSGCL teams. Despite challenges and evolving requirements since March, the project was executed safely and efficiently, thanks to the seamless coordination of Engineering, Maintenance, Commercial, Finance, and Admin teams, with strong support from LCPL's senior leadership. Special appreciation is extended to Mr. Tariq Nazir Virk, Mr. Muhammad Usman, Mr. Fasih Ur Rasheed, and Mr. Rizwan Ahmed for their exceptional efforts in planning, communication, logistics, and

execution. Their leadership, along with the tireless contributions of their teams, ensured timely material supply, civil works, scaffolding, and security, setting a high standard for project management.

The Admin and IR team also played a pivotal role in managing logistics, hosting SSGCL personnel, and addressing last-minute needs with efficiency. Contributions from the CoGen Plant Production team, including Shift Manager Mr. Arsalan Ahmed and Apprentice Operator Mr. Abdul Rahim, further exemplified teamwork and commitment to safety, ensuring smooth commissioning.



Achievement of Zero Injury Target in Overhaul

Shuaib Iqbal

Lotte Chemical Pakistan Ltd. successfully achieved the Zero Injury Target during Overhaul, reflecting a strong commitment to safety by LCPL staff, SUSA auditors, HSE & Technical Training teams, Area Managers, and contractor safety teams.

Led by Mr. Sohail Abbas (HSE & Technical Training Manager), the HSE team played a pivotal role in this accomplishment. With over 2,300 jobs and more than 1,700 contractor personnel involved, maintaining injury-free performance was a remarkable achievement.

Four sessions on the Permit to Work System (PTW) and Safe System of Work (SSOW) were conducted for PTW issuers and acceptors, including contractor representatives.

An HSE&S training week was organized for contractors' staff to refresh their skills and enhance their capabilities to perform work safely, effectively minimizing non-compliances.

The site safety inductions were conducted on a continuous basis in Descon Camp and in Technical Training Center besides routine safety inductions. Safety Officers including Fahad Ahmed Kahn, Muhammad Furqan Khan, Syed Wajahat Ali (SHE Secretary & IMS Coordinator), Zeeshan Azmi (HSE-Coordinator) and Syed Tayyab Ali (Technical

Training Coordinator) conducted these sessions.

The supervision of activities like Emergency Response, Process Support Services & High Pressure Water Jetting was provided through Emergency Response Team (ERT).

16 audit teams ensured 83% compliance with safety standards. Audit themes included PPE compliance, housekeeping, scaffolding, confined space, site procedure, PTW, Hot work & First Break-ins.

Workers demonstrating strong safety compliance received on-the-spot recognition as "Best Safety Worker."

Following teams were declared winners for best SUSA auditors in OH-2024.

1. Mohammad Sajid Khan (Plant Manager, Co-Gen) & Syed Nadeem Mehdi (Engineer, Mechanical Reliability).
2. Sikandar Khan (Plant Manager, Utilities) & Muhammad Aleem Khan (Engineer, Mechanical Utilities).
3. Mohammad Ismail (Plant Manager, Purification) & Mohammad Saleem (Engineer, Mechanical Purification).

Gas chromatography on the go

Iffat Rehman

In gas turbine operations, gas chromatography (GC) plays a vital role in accurately analyzing fuel gas heating capabilities, ensuring optimal turbine performance.

To enhance fuel gas analysis, the Cogen plant GC was upgraded with a compact ABB NGC8206 unit, installed in parallel with the old Rosemount system. Commissioned in August, the ABB GC initially operated in manual mode for performance checks through IP-21. The challenging task of running it in parallel with the old system and configuring new

DCS points for precise comparison was successfully completed. Following comprehensive testing, the ABB GC was fully automated during the overhaul after a successful auto-calibration routine.

The project's success reflects the dedication and collaboration of the entire team. Led by Abdullah Bin Azhar (Manager Instrumentation), the team included Iffat Rehman (AM E&I Reliability), Muhammad Khaliq (Engineer Instrumentation), and Nabeel (HFC Technician).



Overhaul Training



Transforming Lives Together...



Scholarships provided to The Citizens Foundation



Scholarships provided to SZABIST

OVERHAUL 2024: A Collaborative Triumph

Aneeq Ehrar Siddiqui

Overhaul 2024 marked the 16th overhaul in LCPL's history. This year's event presented a significant challenge due to its accelerated timeline, which was brought forward by three months to meet business requirements. The adjustment created a formidable task of expediting arrangements for materials, services, and manpower.

Despite these constraints, the team rose to the occasion and embraced the challenge head-on. Officially conducted from November 16 to 29, this ambitious endeavor overcame substantial logistical and operational obstacles, ensuring the plant's sustainability and readiness for future demands.

An Overhaul Steering Committee, comprising senior management, was formed to supervise and monitor the preparations. Their guidance and support were pivotal to the success of the Overhaul. A detailed preparation plan was developed by the Planning team, with individual coordinators assigned by each section to collaborate throughout the preparatory phase. Multiple work-list review meetings were conducted to finalize the job list, from which major tasks were identified for focused review meetings.

A total of 2,326 jobs were included in the Overhaul scope. Area visits were carried out before the Overhaul to prepare for the identified tasks. Major jobs completed included PAC rotor replacement and inspection, CTA dryer inspection, PTA dryer baffle replacement, Gas Turbine inspection and blade cleaning, inspection and repair of Para xylene and Raw Water tanks, and key upgrades such as the Natural Gas Metering Station revamping, Nitrogen Booster Compressor upgrades, and Boiler-B PLC upgrades.

Material procurement was carried out based on job requirements. Despite the accelerated timeline, the necessary materials and services were secured with extensive support from the Commercial team, ensuring maximum availability. Foreign services were also arranged with the assistance of the Admin and Security teams.

The Planning team developed a detailed execution timeline on Primavera P-6, ensuring successful implementation with the support of all stakeholders.

An Overhaul briefing session was held in November, where employees and contractors were briefed on the planned activities. The Admin team's dedicated efforts ensured smooth on-site arrangements, contributing to the event's resounding success.

Safety remained LCPL's top priority throughout the Overhaul. The HSE department provided critical support to ensure an injury-free operation. A Safe System of Work document was developed to guide all tasks according to safe practices. Special training sessions were conducted before the Overhaul to raise safety awareness and serve as refreshers for the team. A daily safety newsletter highlighted observations, which were cascaded by the engineering team during toolbox talks to reinforce behavioral safety. Process safety was diligently managed by the Operations and Process teams during shutdown and startup, with particular focus on the decontamination phase.

A key initiative during the Overhaul was the development of an electronic dashboard by the IT team, supported by the Planning team, for progress monitoring, eliminating the need for manual entries. Progress on miscellaneous jobs was tracked through day-wise schedules, while major tasks were monitored using execution plans prepared on Primavera P-6. A daily executive summary of Overhaul progress was shared by the Planning team, and cost-monitoring sheets were updated daily to track expenditures and facilitate timely decisions.

The Admin team played a critical role in ensuring the safe stay and commute of LCPL personnel and expatriates. Their provision of quality refreshments also contributed to maintaining morale during the demanding Overhaul activities.

The effective planning, regular monitoring, and efficient control, coupled with the unwavering dedication of the entire LCPL team, resulted in the successful and timely completion of Overhaul. The event adhered to the required standards of quality and safety, demonstrating the team's capability to overcome challenges and deliver exceptional results. This achievement exemplifies LCPL's core values and commitment to excellence.





Award distribution in Overhaul



Health Campaign: A Journey to Fitness

Ahmed Abedi

LCPL organized two inspiring health campaigns on 19 September and 16 October, led by fitness trainer Ms. Kiran Rao. These sessions highlighted The Power of Fitness in enhancing physical and mental well-being, emphasizing that staying active can transform lives.

Ms. Rao also demonstrated how individuals can achieve peak Fitness at Any Age with consistent effort and proper guidance. These events left participants motivated to embrace healthier lifestyles, proving that fitness truly knows no boundaries.



Complete Overhaul of Process Air Compressor

Muhamamd Absar Ahmed

The Siemens-built Process Air Compressor underwent a significant rotor replacement during a planned overhaul. This critical maintenance activity was meticulously executed over an intensive 20-day schedule under the supervision of Original Equipment Manufacturer (OEM) experts. The project required 24/7 coverage, with synchronized day and night shifts ensuring timely completion.

A key aspect of the overhaul was the complete

replacement of the rotating assembly, including the Bull Gear and Pinions for all six stages. This effort continued LCPL's proactive maintenance strategy of rotor replacement every seven years. The process involved precise tasks such as disassembling key components, inspecting and refurbishing seals and bearings, and aligning gears to ensure smooth operation.



24/7 coverage



Maintenance of MV Switchgear Earth Switches

Muhammad Hassan

During the plant overhaul, the Electrical Team successfully completed the maintenance of the MV switchgear earth switches. Prompted by a malfunction in one of the switches, the team took the opportunity to conduct comprehensive maintenance on all units.

The maintenance activities included inspection, cleaning, lubrication, and adjustment to restore optimal functionality and prevent potential issues. This proactive approach not only resolved the immediate malfunction but also improved the overall reliability of the MV switchgear system.



Shining Stars

Nasir Majid

At Lotte Chemical Pakistan Limited (LCPL), fostering excellence through training and validation is a cornerstone of our culture. Hassan Khalil and Umair Anees exemplify this spirit at the Cogeneration Plant.

Hassan Khalil began his journey as an apprentice and, through consistent performance and a deep understanding of plant operations, progressed to area operator and now to Distributed Control System (DCS) Boardman. His technical expertise, problem-solving skills, and leadership have been instrumental in his growth.

Umair Anees, an apprentice, has proven his capabilities by independently handling area operator duties for the past six months. His adaptability and strong grasp of plant operations highlight his potential and dedication.



Both Hassan and Umair are recognized not only for their technical skills but also for their humility, positivity, and teamwork. Their success reflects LCPL's commitment to nurturing talent and fostering continuous growth.

Upgrading Gas Turbine Filter House

Muhammad Usman

The Co-Generation Plant upgraded the air intake filters of its 48MW gas turbine to enhance performance and extend its lifespan. The filters were replaced with a higher-grade variant, providing better protection against fine particles and reducing wear on critical components. With approval from General Electric, the upgrade ensured compliance with standards and

achieved cost savings of PKR 7 million by sourcing from an alternate supplier.

The improved filters also promise additional savings through increased efficiency and reduced maintenance requirements. This initiative highlights LCPL's commitment to innovation and cost optimization.



Breast Cancer Awareness Session

Rushna Khalil



K-Electric organized an informative session on "Breast Cancer Awareness" in which nearby industries was invited at BQPS-II on 9 October. The

session delivered information on early detection awareness on the disease.

SMART Objectives

Rushna Khalil

An on-site training session was held on setting SMART objectives by Mr. Raja Waheedullah Khan on 11 December. The session focused on aligning goals with the objectives and provided detailed

instructions on effectively completing appraisal forms, ensuring clarity and consistency in performance evaluations.



Defensive Driving Course

Ahmed Abedi

On 11th September, LCPL partnered with K-Electric to host a Defensive Driving Course at the KE Power Plant, aimed at enhancing road safety awareness and driving skills. Conducted by Mr. Rizwan Ahmed and Mr. Bilal Javed, the session focused on hazard recognition, vehicle control, and proactive decision-making. Real-life scenarios and discussions

helped participants understand the importance of vigilance and anticipating risks.

This initiative reflects our commitment to safety both on and off the worksite. Special thanks to K-Electric for their partnership and to all participants for their engagement.



TTC Round Up



Distribution Emergency Handling



First Aid & CPR



Hazard Awareness (Physical, chemical, biological , Radition)



IMS Auditing



Orientation & Basic Training of new Apprentices Batch 25



Orientation Of Management Trainee Engineers Batch 33



Permit To Work System



Plant Emergency (Fire ,Toxic and Medical)



PTW & SSOW



PTW & SSOW



Security Awareness session



Use Of Fire Extinguisher



Working at height & Electrical safety

Breaking the Benchmark

Sammar Mazhar

The water wash system plays a vital role in cleaning turbine compressor blades, enhancing efficiency, and boosting engine power output. Maintaining clean HPC (High-Pressure Compressor) blades ensures smooth GTG (Gas Turbine Generator) operation.

On October 26, the Cogen Team, led by Shift Manager Sammar Mazhar, completed a GTG water wash in a record 4.03 hours, surpassing previous benchmarks (4.28 hours in August).

This achievement was made possible by:

1. Timely PTW (Permit to Work) Issuance and Sign-off: Delays in PTW approval and completion were addressed, ensuring a seamless workflow.
2. Efficient Sample Collection and Delivery:

Improved coordination expedited sample analysis, avoiding delays.

3. Optimal Resource Utilization: Clear role assignments and teamwork streamlined the process. Saad Ghafoor, as Boardman, ensured that the operations were carried out smoothly. Rafiullah and Tasawar Hussain, as Area Operators, managed all matters related to the GTG Water Wash. Abdul Raheem and Hammad, as apprentices, collected and sent the water wash samples to the lab, offering essential support to the Area Operators.

Through effective planning and teamwork, the team achieved this milestone, showcasing operational excellence and setting a new standard for efficiency. The excellent teamwork has reduced the optimal water wash timeline from 4.5 hours to an impressive 4.03 hours.



Establishing New Standards for Nitrogen Consumption Efficiency

Sohaib-ul-Hasan

Nitrogen gas plays a vital role in maintaining the safety and efficiency of the CTA feed hopper during Overhaul. It prevents blockages, ensures smooth material flow, and creates an inert environment to minimize oxidation and contamination risks.

Recent efforts have focused on optimizing nitrogen consumption to enhance efficiency and reduce costs. Through improved pressure controls, automated valve adjustments, and strict monitoring, inefficiencies have been identified and resolved. These measures reduce waste while maintaining process reliability.

Optimizing nitrogen usage establishes benchmarks for sustainable operations, translating to cost savings and environmental

benefits. Continuous improvements ensure efficient and reliable nitrogen consumption in the overhaul process.



PTA Production Milestone

Asad Hayat

The month of August marked a significant milestone in our plant's history as we proudly celebrated the record-breaking production of pure terephthalic acid (PTA). This achievement stands as a testament to our team's unwavering dedication and hard work. We reached a new peak with a production record of

46,207 units of pure terephthalic acid, surpassing our previous best of 45,080 units set in August 2022. Achieving this without the supplementary process air compressor in service highlights the exceptional efficiency and effectiveness of our core processes.



Seamless Execution: Averting GTG Outage with Precision

Umer Abid

On a critical challenge arose when the HRSG steam drum manway (south side) began leaking heavily shortly after HRSG start-up. To mitigate the issue, HRSG pressurization was halted, and the Diverter Damper was closed to prevent further complications. This posed a serious risk to plant operations, as HRSG cooling and handover typically require a GTG outage, potentially impacting variable costs (VC) and base plant operations post-overhaul.

After extensive deliberation and support from higher management (Shahzad Ibrahim Ansari, Muhammad Sajid Khan, and Kamran Saeed Khan), a plan was devised to hand over the steam drum while keeping the GTG in operation with the Diverter Damper in a vertical position. The strategy was executed seamlessly due to the collective efforts of the dedicated team.



Minimizing Plant Downtime

Maaz Ali

Operating the crystallizer at elevated levels can lead to crystal agglomeration, equipment pressure, and increased wear. However, the team successfully managed these challenges through vigilant monitoring and swift corrective actions. Key parameters like temperature, pressure, and liquid levels were closely monitored, and process adjustments such as cooling rates and agitation were made to maintain stability.

This proactive approach ensured the production of on-spec Purified Terephthalic Acid crystals without compromising equipment integrity or operations. The success demonstrates the team's expertise in



maintaining optimal crystallizer performance under challenging conditions.

Liaison with NUST for Palladium Catalyst Testing

Mansoor Ahsan Khan

External laboratories play a crucial role in modern research, development, and quality assurance across various industries. These specialized facilities provide valuable services that significantly enhance the capabilities and efficiency of organizations.

BET (Brunauer-Emmett-Teller) analysis is a critical method in material science and chemistry for determining the specific surface area of materials, particularly catalysts. It is especially significant in fields like catalysis.

Previously, LCPL relied on foreign laboratories to test the Purification Plant's Palladium catalyst. However, through a series of technical exchanges and collaborations, these tests were successfully transitioned to National University of Science & Technology.

In this endeavor, Mansoor played a pivotal role by dedicating his expertise and efforts to develop an easy method for interpreting catalyst behavior. His contributions not only saved the significant cost and time involved in overseas testing but also enhanced the efficiency of the Technical Department.



In-House Maintenance of Power Transformers

Muhammad Hassan

The Electrical Team successfully conducted in-house preventive maintenance of the main transformers, TR-01 and TR-02, on Line 01 and Line 02. This milestone initiative not only strengthened our maintenance capabilities but also ensured the long-term reliability of critical electrical infrastructure.

The comprehensive maintenance activities included inspections, oil sampling and testing, cleaning components, and replacing deteriorated pipes. This proactive effort allowed the team to identify and address potential issues early, safeguarding the transformers from unexpected failures.

By performing the maintenance in-house, the team reduced reliance on external vendors and gained valuable technical insights into the condition of these vital assets.



Peaceful Development and Use of Chemistry

Talal Ayaz Adenwala

The 13th edition of the Seoul Workshop on the Peaceful Development and Use of Chemistry for OPCW Member States in the Asian region was organized by the Organization for the Prohibition of Chemical Weapons (OPCW) and the Republic of Korea. Held from 12 to 14 November in Seoul, Republic of Korea, the workshop saw participation from 23 individuals across 16 OPCW Member States, including Talal Ayaz from Lotte Chemical Pakistan Limited.

The Seoul workshop focused on addressing the region's specific capacity-building needs in chemical safety and security. Discussions centered on essential topics related to the peaceful use of chemistry, including chemical safety and security management, while benefiting from the Republic of Korea's expertise in chemical technology and

industrial innovation. The three-day workshop provided valuable insights into the hazards and risks associated with chemicals, particularly dual-use chemicals.

"This workshop was very informative in terms of the hazards and risks related to chemicals, especially dual-use chemicals. I learned a lot not only from the presenters but also from the other participants with whom I had the chance to interact. My knowledge on chemical safety and security has increased manifold. Key learning points were how to detect any behavioral changes for any potential insider threat and how to enhance the control of chemicals," said Talal A. Adenwala, Senior Process Support Manager at Lotte Chemical Pakistan Ltd, a participant in the workshop (published in OPCW Newsletter, 10 Dec, The Hague, Netherlands)



Workshop on Aspen One Process Explorer

Yasir Ahmed Shaikh

In line with LCPL's commitment to continuous improvement and learning, a training workshop on Aspen One Process Explorer (AIPex) was recently conducted for the Operations Team to apprise them of the new features of desktop-based Aspen IP21.

The workshop provided a comprehensive introduction to Aspen One Process Explorer, focusing on its capabilities for real-time process monitoring, as well as creating dashboards. Participants learned how to navigate the software interface and utilize built-in tools to gain actionable insights for improved plant monitoring.



Negotiation Skills

Rushna Khalil

A simulation-based training session was organized for the Commercial team on 11 July. The interactive training benefitted the purchase and sales team,

equipping them with practical techniques for effective negotiations via using gameboards, leaderboards and interactive simulation exercises.



Nitrogen Booster Compressor Automation Enhancement Project

Iffat Rehman

The Nitrogen Booster Compressor C1-830 was successfully upgraded from Allen Bradley PLC SLC500 to Siemens PLC S7 during the overhaul, addressing obsolescence. This compressor is critical for smooth operations, and the upgraded system introduces advanced features and improved availability without added complexity.

The new system enhances performance with smarter data recording and efficient alarm monitoring. Additionally, the user-friendly HMI (Human Machine Interface), seamlessly integrated into the existing rack, simplifies operation and reduces costs, offering a perfect balance of efficiency and savings.

The project was led by Umair Aleem (Manager Instrumentation), with design and testing support from Asif Farooqi (Engineer Instrumentation). Ayaz



(Engineer Instrumentation) provided critical on-site support to ensure seamless execution. Special thanks go to the operations team, led by Shift Manager Muhammad Irfan, with support from Muhammad Yasir, for their collaboration and contributions to the project's success.

A Warm Welcome: Hear from Our New Joiners



Jamal Mustafa:

Completed my BBA from ILMA University and joined LCPL on 11th July as an Administration Officer. A lover of exploration, I enjoy embarking on new adventures with my friends and family. I am a sports enthusiast, with a passion for cricket, badminton, and swimming.



Muhammad Taha Khan:

A young Mechanical Engineer from GIKI, joined LCPL on 5th August as a Management Trainee. I absolutely love travelling, especially on exciting road trips that take me to new and unique places. For me, it's all about the thrill of discovering new experiences and creating unforgettable memories along the way.



Bilal Muhammad Noor:

A young mechanical Engineer from NUST-PNEC, and joined LCPL on 5th August as a Management Trainee. When I am not learning about my field, I enjoy hitting the cricket pitch and strumming my guitar.



Fasih ur Rasheed:

A Mechanical Engineer from NEDUET and an MBA in Logistics & Supply Chain from IBM. I joined LCPL on 22nd August as Assistant Manager Workshop. I am an anime enthusiast and an avid reader, and I also enjoy playing table tennis with my friends.



Muhammad Majid:

A Mechanical Engineer from NEDUET, and joined LCPL on 26th August as AM Projects. I am an avid reader and a top cricket player, striving to balance my love for knowledge with my passion for the game.



Maaz Ali:

A Chemical Engineer from NUST-SCME, joined LCPL on 2nd September as a Management Trainee. When I'm not exploring the world of chemicals, I enjoy playing football, delving into books on philosophy and self-help, and challenging myself with powerlifting.



Sohaib-ul-Hassan:

A young Chemical Engineer from NEDUET, and joined LCPL on 2nd September as a Management Trainee. I enjoy playing football and cricket, combining my love for sports with teamwork and strategy.



Awais Ali:

FSc. From Aisha Bawany Govt. College, joined LCPL on 1st September as Sub-Engineer Process IV. I have a passion for the outdoors, love traveling to new places, and enjoy playing cricket in my free time.



Iffat Rehman:

Driven by curiosity, fueled by perseverance, and sparked by creativity, I am an Electronic Engineer from NEDUET, and joined LCPL on 10th September as AM E&I Reliability.



Nasir Majid:

A young Chemical Engineer from NUST-SCME, and joined LCPL on 18th September as a Management Trainee. I have a knack for teamwork, whether it's collaborating in the workplace or taking penalty kicks on the field.



Muhammad Ovais Abbas:

A young Chemical Engineer from DUET, and joined LCPL on 18th September as a Management Trainee. By day, I'm a chemical engineer; by night, a passionate artist, striving to balance technical precision with creative expression.



Syed Ovais Abbas Kazmi:

A young Chemical Engineer from NEDUET, and joined LCPL on 25th September as a Management Trainee. From mastering IGI's virtual battles to tackling real-life vessel adventures, I thrive on challenges that demand problem-solving skills.



Sheikh Muhammad Muneeb ur Rehman:

MBA in Supply Chain & Logistics from IBM, joined LCPL on 1st November as AM Purchase. I am passionate about exploring ideas, connecting with diverse people, and bringing positivity and creativity to everyday life.



Mohammad Saad:

An Automotive Engineer from NEDUET, joined LCPL on 4th November as AM Purchase. Fueled by the love for food and fitness, I thrive on unlocking strength and vitality through exercise. As a nutritionist, I aim to inspire others to embrace movement, challenge themselves, and lead healthier, more vibrant lives.



Abdullah Hussain:

Mechanical Engineer from NEDUET, joined LCPL on 22nd November as Manager Maintenance. I am a problem solver at heart, whether it's troubleshooting a complex mechanical issue or navigating life's hurdles with humor and grit. I value meaningful conversations and believe a well-timed joke can fix more than just machines.

Long Service Award Recipients



Sohail Abbas:

Completed 25 years of service on 23rd December 2024. He joined the company on 24th December 1999 and is presently working as HSE & Technical Training Manager.



Farrukh Iqbal:

Completed 15 years of service on 31st October 2024. He joined the company on 1st November 2009 and is presently working as Manager Corporate Reporting.



Ashfaq Ahmed Malik:

Completed 15 years of service on 10th December 2024. He joined the company on 11th December 2009 and is presently working as Assistant Manager Process (Cogen).



Umair Ahmed Bhatti:

Completed 15 years of service on 4th October 2024. He joined the company on 5th October 2009 and is presently working as Senior Shift Manager - Oxidation.



Muhammad Ayaz:

Completed 10 years of service on 30th November 2024. He joined the company on 1st December 2014 and is presently working as Junior Engineer Instrumentation.



Muhammad Rafiullah:

Completed 10 years of service on 7th December 2024. He joined the company on 8th December 2014 and is presently working as Sub Engineer Process - I.



نتائج فراہم کرنے کی صلاحیت کا مظاہرہ کیا گیا۔ یہ کامیابی ایل سی پی ایل کی بنیادی اقدار اور برتری کے عزم کی بہترین مثال ہے۔

Primavera P-6 پر تیار کردہ عمل درآمدی منصوبوں کے ذریعے اہم امور کی نگرانی کی گئی۔ پلاننگ ٹیم کے ذریعہ اور ہالنگ کی پیشرفت کی روزانہ ایگزیکٹو سمری، اخراجات کا جائزہ لینے اور بروقت فیصلوں کے لیے لاگت کی نگرانی کرنے والی شیٹس کو روزانہ اپ ڈیٹ کیا جاتا تھا۔

ایڈمن ٹیم نے LCPL کے ملازمین و انتظامیہ کی حفاظتی کے ساتھ غیر ملکی مہمانوں کے محفوظ قیام اور سفر کو یقینی بنایا۔ ٹیم کی بھرپور خدمات نے اور ہالنگ سرگرمیوں کے دوران حوصلہ افزائی میں بھی اہم کردار ادا کیا۔

پوری LCPL ٹیم کی غیر متزلزل لگن کے نتیجے میں زبردست پلاننگ، باقاعدہ نگرانی اور موثر کنٹرول کے ساتھ ساتھ اور ہالنگ کی کامیاب اور بروقت تکمیل ہوئی۔ اس دوران معیار اور حفاظت کے مطلوبہ معیار پورے کئے گئے، ٹیم کی طرف سے چیلنجز پر قابو پانے اور غیر معمولی



ایمپلائر آف دی ایئر ایوارڈ

رشتا خلیل

جناب راجہ وحید اللہ خان، ڈائریکٹر ایڈمن، ایچ آر اینڈ آئی ٹی نے LCPL کی نمائندگی کی اور کمپنی کی جانب سے اعزاز حاصل کیا۔

اس اعزاز سے LCPL کے انڈسٹری میں مسلسل ترقی، برتری اور قیادت کے سفر میں ایک سنگ میل کی نشاندہی ہوتی ہے، جو کہ عالمی معیار کے کام کی جگہ کو برقرار رکھنے کے لیے کمپنی کی مسلسل کوششوں کا اظہار ہے۔

30 جولائی 2024 کو LOTTE کیمیکل پاکستان لمیٹڈ (LCPL) کو میڈیم ملٹی نیشنلز کیٹگری میں ایمپلائر آف دی ایئر ایوارڈ سے نوازا گیا یہ 2012 میں اس ایوارڈ کے آغاز کے بعد سے مسلسل 10 ویں جیت ہے۔ ایمپلائرز فیڈریشن آف پاکستان کی جانب سے یہ ایوارڈ تقریب منعقد کی گئی تھی۔

یہ ایوارڈ حکومت سندھ کے وزیر محنت اور HRD جناب شاہد عبدالسلام تھہم کی جانب سے دیا گیا، پاکستان کے لیے انٹرنیشنل لیبر آرگنائزیشن آفس کے کنٹری ڈائریکٹر جناب گیرٹو نسل بھی اس تقریب میں موجود تھے۔



2024 کی اور ہالنگ میں مشترکہ کامیابی کا حصول

ایق احرار صدیقی

سامان کی خریداری مرمی کام کی ضرورت کے مطابق کی گئی۔ کم وقت میں زیادہ سے زیادہ امور کی انجام دہی کو یقینی بناتے ہوئے، کمرشل ٹیم کی بھرپور مدد سے ضروری سامان اور سروسز حاصل کی گئیں۔ ایڈمن اور سیکورٹی ٹیموں کے تعاون سے غیر ملکی سروسز کا بھی اہتمام کیا گیا۔

پلاننگ ٹیم نے تمام اسٹیک ہولڈرز کے تعاون سے کامیاب عمل درآمد کو یقینی بناتے ہوئے، Primavera P-6 پر عمل درآمد کی تفصیلی مدت تیار کی۔ نومبر میں اور ہالنگ سے متعلق بریفنگ سیشن منعقد ہوا، جس میں ملازمین اور ٹھیکیداروں کو منصوبہ بندی کے بارے میں بریفنگ دی گئی۔ ایڈمن ٹیم کی بھرپور کوششوں نے سائٹ پر بہترین انتظامات کئے، جس سے ایونٹ کی شاندار کامیابی یقینی ہوئی۔

اور ہالنگ کے پورے مرحلے میں تحفظ کی یقین دہانی LCPL کی اولین ترجیح رہی۔ HSE ڈیپارٹمنٹ نے کسی حادثہ سے پاک آپریشن کو یقینی بنانے کے لیے اہم مدد فراہم کی۔ کام کے محفوظ نظام پر دستاویز بھی تیار کیا گیا تھا تاکہ تمام کاموں کو محفوظ طریقوں کے مطابق انجام دینے میں رہنمائی حاصل رہے۔ حفاظت سے متعلق شعور بڑھانے اور اور ہالنگ سے پہلے خصوصی تربیتی سیشن منعقد کیے گئے۔ ڈیلی سیفٹی نیوز لیٹر نے مشاہدات کی تفصیل فراہم کی جبکہ نجینزنگ ٹیم نے ٹول باکس ٹاکس کے دوران حفاظت کو یقینی بنانے پر زور دیا۔ شٹ ڈاؤن اور سٹارٹ اپ کے دوران آپریشنز اور پروسیس ٹیموں نے حفاظتی انتظامات پر خصوصی توجہ دی۔

اور ہالنگ کے دوران ایک اہم اقدام IT ٹیم کے ذریعہ ایک الیکٹرانک ڈیش بورڈ تیار کرنا تھا جس کی بدولت پلاننگ ٹیم کے تعاون سے کام کی پیش رفت کی نگرانی اور مینوئل انٹری کی ضرورت کو ختم کرنا تھا۔ مختلف کاموں پر پیشرفت کو روزانہ کی بنیاد پر شیڈول کے مطابق ٹریک کیا گیا، جبکہ

دوران Lotte کیمیکلز پاکستان لمیٹڈ کی تاریخ میں 16 ویں اور ہالنگ کامیابی کے ساتھ مکمل کی گئی۔ سال کے دوران کاروباری تقاضوں کے پیش نظر، اس اہم کام کو تین ماہ کے لیے موخر کرنا ایک چیلنج تھا۔ کم وقت میں اتنے بڑے کام کو انجام دینے کے لیے مطلوب میٹریل، سروسز اور افرادی قوت کے انتظامات بھی ایک زبردست سرگرمی تھی۔

ان چیلنجز کے باوجود، ٹیم نے اس اہم چیلنج کو قبول کرتے ہوئے اپنی صلاحیتوں کا لوہا منوایا۔ 16 سے 29 نومبر تک جاری رہنے والے اس اہم کام کی تکمیل میں کافی لاجسٹک اور آپریشنل رکاوٹوں کو ختم کیا گیا تاکہ پلانٹ کی پائیداری اور مستقبل کے تقاضوں کے لیے تیاری کو یقینی بنایا جاسکے۔

اور ہالنگ کی نگرانی اور جائزے کے لیے سینئر انتظامیہ پر مشتمل ایک اور ہال اسٹیرنگ کمیٹی تشکیل دی گئی۔ اس کمیٹی کی رہنمائی اور تعاون اور ہالنگ کی کامیابی کے لیے اہم تھا۔ پلاننگ ٹیم کی طرف سے تیاری پر مبنی ایک تفصیلی پلان مرتب کیا گیا تھا، جس کے تحت ہر سیکشن کو تیاری اور عمل کا پلان دیا گیا تھا۔ کام کی فہرست کو حتمی شکل دینے کے لیے اجلاس منعقد کیے گئے، تاکہ اہم کاموں کی نشاندہی کی جائے اور نگرانی آسان ہو۔

اور ہال کے پورے کام میں 12,326 افراد شامل تھے۔ نشاندہی کردہ کاموں کی تیاری کے ساتھ اور ہالنگ سے پہلے اس جگہ کے دورے کئے گئے۔ مکمل کیے گئے اہم امور میں PAC روٹر کی تبدیلی اور جائزہ، CTA ڈرائر کا معائنہ، PTA ڈرائر بافل کی تبدیلی، گیس ٹربائن کا معائنہ اور پلیٹ کی صفائی، پیرازا ٹیکنی اور Raw واٹر ٹینکوں کا معائنہ اور مرمت کی گئی جبکہ نیچرل گیس میٹرنگ اسٹیشن کی دیکھ بھال، نائٹروجن بوسٹر کپیر ایس اپ گریڈ اور بوالنگر PLC کی اپ گریڈیشن کے کام بھی شامل تھے۔



|H2|2024|

connect

Reflections on Excellence & Achievements

