

connect

**Awards for Impact:
Empowering People,
Enriching Communities**



Women Empowerment & Gender Equality Recognition Award

Rushna Khalil

In a proud and inspiring achievement, Lotte Chemical Pakistan Limited has been honored with the Women Empowerment & Gender Equality Recognition Award 2025 by the Employers' Federation of Pakistan (EFP).

Supported by the International Labour Organization (ILO), UNICEF, and GIZ GmbH, the award celebrates organizations that have demonstrated exceptional

efforts in promoting gender equality and women's empowerment in the workplace. The award was presented by Mr. Shahid Abdul Salam Thahim, Sindh Minister for Labour and Human Resources, in the presence of Mr. Geir Thomas Tonstol, Director of the ILO Country Office for Pakistan, along with other distinguished guests. Mr. Raja Waheed Ullah Khan, Director of Admin, HR & IT, had the honor of receiving the award on behalf of LCPL.



Editorial

Dear Readers,

As we look back on the first half of 2025, we are proud to celebrate a period marked by purposeful progress, shared success, and meaningful recognition. This year has already brought exceptional milestones that reflect the heart of who we are as an organization.

For the first time in our history, we proudly received the Women Empowerment Award, a landmark achievement that underscores our commitment to diversity, inclusion, and creating opportunities for all.

Our efforts in corporate social responsibility were also honored through multiple CSR awards, highlighting our impact beyond the workplace, in communities, environmental stewardship, and ethical practices. Continuing our commitment to a greener tomorrow, we celebrated Green Excellence, recognizing outstanding environmental contributions across our operations.

In the spirit of unity and well-being, our much-anticipated Sports Week brought teams together in a vibrant celebration of fitness, camaraderie and sportsmanship. It served as a reminder that our strength lies not only in our individual excellence but in the bonds we build together.

A heartfelt thank you to every individual whose efforts made these accomplishments possible. Let's carry this momentum forward and make the rest of 2025 an even more remarkable chapter in our journey!

Warm Regards,

The Newsletter Committee

Completion of 18 Million Man-hours without LTC for the LCPL Employees

Shuaib Iqbal

Lotte Chemical Pakistan Ltd. has achieved another millstone in HSE&S Performance by completing 18 Million Safe Man-hours without any Lost Time Case (LTC) for its employees on 23 March.

Mr. Young Dae Kim (Chief Executive) extended heart-felt congratulations to the entire LCPL team and commended their unwavering commitment, responsible behavior, adherence to safety protocols, and positive attitude towards HSE. He acknowledged that this world-class achievement reflects the consistent efforts and valuable contributions of all employees.

Mr. Tariq N. Virk (Director -Manufacturing) appreciated the LCPL team for setting an exceptional safety benchmark. He emphasized that this milestone would not have been possible without the collective dedication and teamwork of every individual working on-site since the company's operations began in 1998. He reiterated the importance of continued

efforts to ensure LCPL remains a safe workplace for employees, contractors, and visitors, while striving for even greater HSE&S excellence.

This accomplishment stands as a testament to the effectiveness of LCPL's HSE&S Management System and the dedication of its workforce. It highlights the organization's strong management focus on health, safety, and environmental standards, which continue to drive operational success and sustainability.

As recognition for their adherence to safe work practices, LCPL employees were awarded gift coupons as a token of appreciation for their role in achieving this milestone.

LCPL Management takes immense pride in this achievement and remains committed to maintaining and further enhancing its exemplary HSE&S performance in the future.

17th Annual CSR Summit and Award

Ahmed Abedi

Lotte Chemical Pakistan Limited (LCPL) was honored with the prestigious 17th Annual NFEH CSR Award 2025 on 18 February. The award ceremony was organized by the National Forum for Environment and Health (NFEH) at Serena Hotel, Islamabad. Mr. Raja Waheed Ullah Khan, Director Admin, HR & IT, proudly received the award on behalf of LCPL.

The event was graced by Mr. Qaiser Ahmed Shaikh, Minister for Maritime Affairs, Government of Pakistan, as the Chief Guest. Prior to the award distribution, the Minister shared his insights on the vital role of Corporate Social Responsibility (CSR) in sustainable national development and praised organizations committed to impactful community initiatives.



14th International Summit and Award on CSR

Ahmed Abedi

Lotte Chemical Pakistan Limited (LCPL) was honored with the prestigious 14th International CSR Summit and Award 2025 on 19 February. The award ceremony was organized by The Professional Network at Movenpick Hotel, Karachi. Mr. Raja Waheed Ullah Khan, Director Admin, HR & IT, proudly received the award on behalf of LCPL.

The event was graced by Mr. Anjum Nisar, The Senior Vice Chairman, Business Group (BMG), Karachi Chamber of Commerce & Industries as the Chief Guest. Prior to the award distribution, the Chief Guest shared his insights on the vital role of Corporate Social Responsibility (CSR) in sustainable national development and praised organizations committed to impactful community initiatives.



Automation of Morning Meeting Board

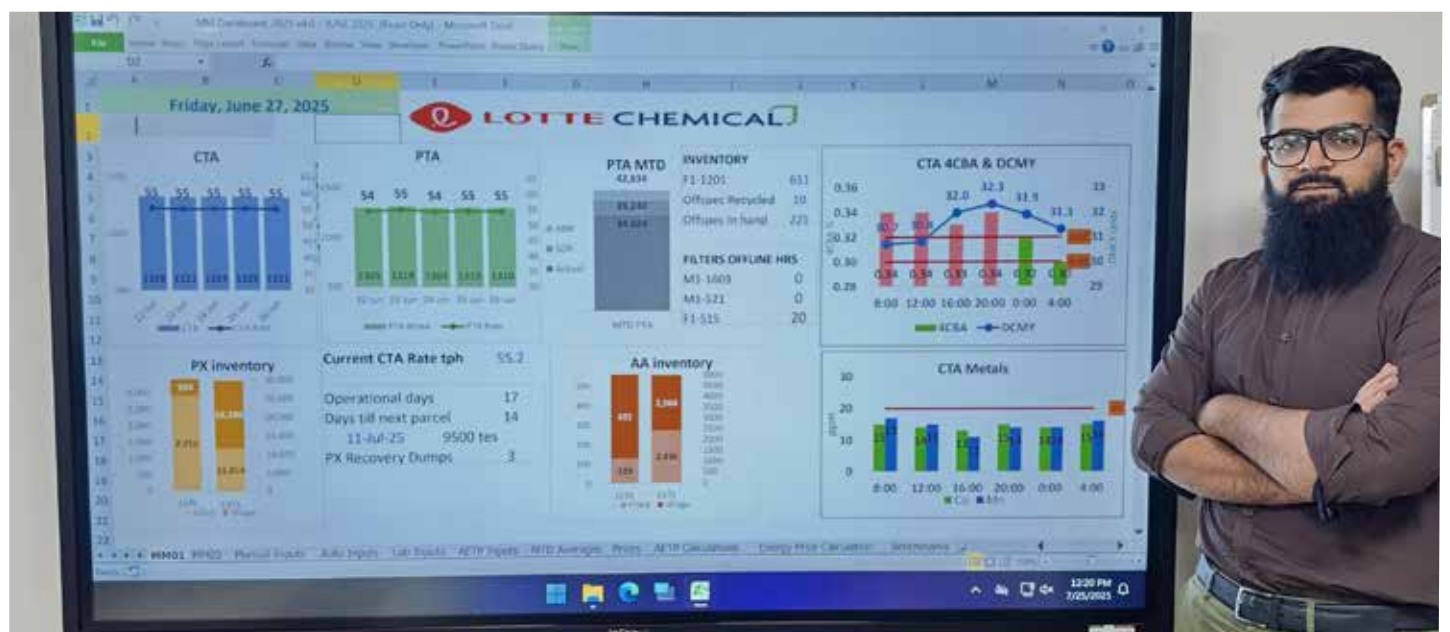
Talal Ayaz Adenwala

For any successful business, optimizing production costs is critical. At Lotte Chemical Pakistan Limited, closely monitoring daily raw material and energy consumption has always been a priority. Comparing actual usage with target benchmarks is key to effective process monitoring and minimizing variable costs at every operating rate.

Until last year, consumption data was manually recorded on a whiteboard against fixed benchmarks, making it difficult to keep up with changing values and often missing critical insights. This year, under the guidance of the GM Operations, the Technical

Department has revamped the morning meeting board with automated inputs from Aspen Process Explorer. It now includes real-time data, one-click access to historical trends, and conditional formatting to highlight deviations instantly.

The system also reflects accurate daily energy costs and allows benchmark adjustments based on plant operating rates, ensuring optimized performance at every level. This automation has not only saved time and improved tracking but also enhanced team awareness of how variable costs shift with operating conditions.



Chief Executive and Long Service Awards Ceremony

Ahmed Abedi

The Chief Executive Award and Long Service Award Ceremony was held on 28 February at the LCPL Plant Site, celebrating excellence, dedication, and long-term service. The event was graced by Mr. Young Dae Kim, Chief Executive of Lotte Chemical Pakistan Ltd., who honored the occasion as the Chief Guest.

Mr. Kim distributed awards to outstanding employees in recognition of their exceptional performance and enduring commitment to the organization. The ceremony fostered a strong sense of pride and appreciation among all attendees, highlighting LCPL's culture of valuing and celebrating its people.



A Safe and Efficient Execution

Waqas Hameed

The recent short shutdown of the purification section at the plant was successfully executed with a strong focus on safety, efficiency, and minimal downtime. Key maintenance included cleaning of crystallizers and condensers, hydrogenation reactor inspection and preventive maintenance of pumps and control valves.

Planning began with tasks clearly defined, spares arranged, and safety protocols in place. The execution went smoothly, with no safety incidents. Post-startup, the plant showed improved process stability and efficiency. This shutdown showcased strong team-work, a proactive safety culture, and effective planning, ensuring reliability for the next production cycle.



Emergency Handled Right

Sohaib-ul-Hasan

In January, the plant team effectively managed an emergency when the agitator on the re-slurry drum tripped. Sohaib Ali Khan (Boardman) promptly identified the alarm and alerted Area Operators Muzammil Arsalan, Awais Ali, and Mohammad Touqeer, who responded immediately. Their quick communication and coordination were critical in preventing escalation.

Hussain Rizvi, the team followed standard emergency protocols. With both pressure centrifuges feeding into the re-slurry drum, the teams shifted to total recycle mode, increased slurry dilution, and stopped one Sundyne pump to maintain upstream balance and prevent product loss.

This incident highlights the team's strong technical competence, clear communication, and commitment to operational safety.

Under the leadership of Shift Manager Syed Aizaz



Celebrating Green Excellence

Ahmed Abedi

The Green Excellence Visit was held on 16 January at the LCPL Plant Site, welcoming four distinguished horticulture clubs of Pakistan — the Horticulture Society of Pakistan, Ladies Horticulture Club, Ikebana International, and the Amateurs Gardeners Club — led by Mrs. Rahat Haq, to celebrate environmental stewardship and creativity.

The event featured an inspiring exhibition of plants, thoughtfully developed by the LCPL Horticulture Team using in-house resources. Mr. Raja Waheed

Ullah Khan (Director Admin, HR & IT) hosted the event and spoke about LCPL's horticulture initiatives and activities.

In recognition of their contributions, club members actively involved in plantation activities were honored during the ceremony. The event underscored LCPL's ongoing commitment to promoting environmental awareness and fostering community engagement. As a token of appreciation, plants were presented as gifts to all visiting club members.



Plant Site Tour by Chemical Engineering Students

Ahmed Abedi

Lotte Chemical Pakistan Limited recently hosted industrial visits for Chemical Engineering students from two leading institutions. On 12 February, students from Karachi University visited the plant, followed by a visit from NED University on 15 May.



Both visits aimed to bridge the gap between academic learning and industrial practice. Students toured key operational units and participated in interactive sessions with LCPL's operations teams, gaining valuable insights into real-world applications of their studies.



IFRP and JQP Reward Distribution Ceremony

Shuaib Iqbal

Lotte Chemical Pakistan Ltd. (LCPL) continues to foster a culture of knowledge sharing and continuous improvement through its Internal Faculty Reorganization Program (IFRP) and Job Qualification Program (JQP), spearheaded by the Technical Training Center (TTC).

The IFRP encourages learning from fellow LCPL employees, promoting the exchange of applicable knowledge aligned with organizational needs and fostering innovation and competitive advantage. Participants earn reward points based on their involvement, which are later converted into recognitions and rewards.

The JQP, another flagship initiative by TTC, is aimed at skill development across the Manufacturing Division. This program includes Management, Non-Management employees, and apprentices who appear in various Skills Block Examinations, and are rewarded upon successful completion of their assigned levels.

To recognize the commitment and efforts of these individuals, TPM & TTC organized a Reward Distribution Ceremony on 27 February at the LCPL Plant Site. The ceremony honored those who successfully qualified in different skill blocks under the JQP, as well as participants of the IFRP initiative.

Mr. Tariq N. Virk (Director Manufacturing) graced the occasion as the Chief Guest, while Mr. Adnan Ul-Haque (General Manager - Operations) was present as Guests of Honor along with Mr. Irfan Ahmed (Deputy Engineering Manager), Mr. Asad Ahmed Khan (Production Manager) & Mr. Shahzad Ibrahim Ansari (Technical Manager).

During the event, Mr. Sohail Abbas (HSE & Technical Training Manager) presented an overview of the IFRP's achievements and announced the list of successful JQP candidates. The ceremony concluded with the distribution of rewards and certificates among the deserving participants.



Tech-Driven Transformation in PTA Dispatch

Waqas Hameed

At Lotte Chemical Pakistan Ltd, fostering a culture of innovation and technological advancement is a key priority. In line with this vision, the Purification team of the Production department has taken a major step forward by introducing QR code technology into PTA bag dispatches.

This initiative was led by Sikandar Khan (Plant Manager Utilities & Cogeneration), along with his dedicated team members: Tariq Mahmood (HR & IT Manager), Waqas Hameed (Shift Manager), Syed Khurram Ali (ERP Manager), and Waheed-Uz-Zaman (Warehouse Officer).

Following a productive brainstorming session, the team collaborated to design and implement a more efficient and traceable dispatch system. The project was officially launched on 17 January, with an inauguration by Mr. Young Dae Kim (Chief Executive), marking the beginning of the execution phase with the integration of QR code-enabled tags into the PTA dispatch process.

Each PTA bag now features a QR code that stores critical product information, including batch number and production details. This enables real-time traceability and allows customers to monitor product aging, enhancing quality assurance and customer satisfaction.

The project is structured in two phases. Phase 1 focuses on QR code generation and tagging to ensure compliance with commercial requirements while making key product data easily accessible to customers. Phase 2 will expand the system to include inventory management, improving stock tracking and operational control.

This successful integration not only optimizes internal production processes but also reflects LCPL's ongoing commitment to transparency, efficiency, and technological excellence.



Training on Microsoft Excel

Rushna Khalil

LCPL conducted an in-house Microsoft Excel Training by Mr. Raja Waheed Ullah Khan to strengthen employees' foundational skills in spreadsheet management and data organization. The session covered essential functions such as formulas, formatting, data entry and basic chart creation, enabling participants to handle day-to-day

tasks more efficiently. Designed for beginners, the hands-on training provided practical knowledge to enhance productivity and accuracy across various departmental operations. The session was marked by commendable in-house arrangements, reflecting LCPL's commitment to creating a conducive learning environment.



Precision under Pressure

Muhammad Absar Ahmed

During the recent outage, John Crane, the original equipment manufacturer (OEM) for mechanical seals, was engaged to resolve recurring leakage on the Oxidation Reactor Agitator. The intervention was prompted by acetic acid fumes near the seal and high contamination levels in glycerin samples, indicating seal failure.

A detailed inspection by the OEM specialist revealed a 0.7 mm axial displacement of the seal sleeve, damaged O-rings, fretting on the titanium sleeve,

and wear on the pilot shaft installed earlier. Corrective actions included installing a 6 mm shim to prevent axial float, adjusting hub drive key clearance, replacing the worn pilot shaft, and refurbishing the seal cartridge under OEM supervision.

The complex repair was successfully completed within the planned window, restoring seal integrity, improving agitator reliability, and helping prevent future unplanned downtime.



Strategic Water Makeup Reduces Diesel Dependency

Aliyan Tanweer

As part of ongoing efficiency efforts, the Raw Water Pumping Station team has eliminated diesel consumption during the short shut-down period by aligning water pumping strictly with WAPDA power availability. Pumps now operate only when utility power is present, maintaining break pressure tank (BPT) levels without relying on diesel.

Water is drawn to the plant site only when both WAPDA power and makeup to BPT are available. During other times, the main isolation valve remains closed, avoiding unnecessary intake. This optimization has led to a daily diesel saving of 250-300 liters, reflecting strong cost control and sustainable resource management.

International Women's Day Celebration

Rushna Khalil

The Women's Day celebration at LCPL highlights the organization's commitment to recognizing women's accomplishments, advancing gender equality, and creating an inclusive work environment. By cultivating

a supportive workplace culture, LCPL is paving the way for a more equitable future, where women are not only valued and celebrated but also equipped with the resources and opportunities to excel in their careers.



Eid Milan Get-together

Ahmed Abedi

On the joyous occasion of Eid-ul-Fitr, all LCPL staff gathered for an Eid Milan Party held on 11 April at the Plant Site. A delicious lunch was served to all employees, and special arrangements were made to ensure the participation of shift staff in the celebrations.

To add to the festive spirit, a selfie booth was set

up, allowing employees to capture cheerful moments with colleagues. The event provided a wonderful opportunity for everyone to connect, celebrate together and enjoy the festive ambiance. The lunch featured a delightful menu, including flavorful main courses, fresh salads and a variety of desserts, which were thoroughly enjoyed by all.



Advancement through System Modernization

Iffat Rehman

As part of our drive to modernize and improve reliability, the obsolete Allen-Bradley PLC for Flow Control was successfully replaced with an advanced Siemens PLC, offering enhanced system performance and greater flexibility in control.

With automated control from the compressor system, operators now have the option to manually modulate flow using a field-mounted knob, ensuring both precision and control when it matters most.

The successful execution of this project reflects the dedication and collaboration of the entire team. The initiative was led by Abdullah Bin Azhar (Manager Instrumentation, Utilities and Reliability), with key contributions from Iffat Rehman (Assistant Manager

E&I Reliability), Abdul Khaliq (Instrumentation Engineer), and Muhammad Awais (Sub-Engineer Instrumentation). Special thanks are extended to Jahanzaib Ali (Shift Manager Pure) and Saad Khan (Process Support Manager - Utilities) for their continuous support throughout the execution phase.



Filter Life Doubled Through Process Adjustment

Adeel Abbas

In May, the Utilities team faced a rising issue of rapid fouling and choking in RO cartridge filters, with replacement frequency escalating from every 72 hours to just 12 hours. Initial checks, including reduced coagulant dosing and raw water quality analysis, showed no anomalies.

The breakthrough came when Adeel Abbas (Management Trainee Utilities) recommended reviewing the Soda Meta Bi Sulphate (SMBS) and anti-scalant dosing. Acting on this, Jahanzaib Ali (Shift Manager) suspended both chemicals

temporarily, which led to immediate improvement. The team then cleaned the dosing tanks and prepared fresh solutions, adjusting the SMBS concentration from 6% to 5%.

These corrective actions successfully restored cartridge life beyond the original benchmark, reducing downtime and improving cost efficiency. The Utilities team's proactive and collaborative approach under the leadership of Plant Manager Sikandar Khan reflects a strong commitment to continuous improvement.

Showcasing Tactical Mastery

Arsalan Ahmed



Rashid Minhas (Senior Assistant Manager-Process) is one of the most valued assets of Purification Plant. His contributions towards Utilities' conservation during Plant Operation and Emergencies have been prominent all the way through inflexible times.

Reflection of the same was symbolized during recent flash of Plant Emergency, when Purification Reactor Pressure control

transmitter failed. Delay in handling the situation by a minute could have caused inevitable consequences. Unreservedly, with his unique grip over DCS operation and presence of mind, Rashid managed to take hold of the situation within a span of 20 seconds. He made a symbolic new benchmark by diminishing possible practical lags and proactive integration of field checks by Maintenance representative and Area team.

Unexpected Hurdle, Expertly Handled

Muhammad Taha Khan

During the recent plant shutdown, a leakage was reported near the feed end of the PTA drier shell. Given the critical role and mechanical stress on this equipment, any crack posed a serious risk of failure. A prompt inspection revealed four cracks on the drier shell.

Recognizing the urgency, the fabrication and inspection teams collaboratively developed a specialized welding repair procedure. The repair involved internal and external grinding, cutting, and

re-welding, carried out under strict safety protocols and closely monitored by the inspection team at each stage to ensure quality and integrity.

Though not part of the original shutdown plan, the critical repair was successfully completed within the scheduled timeframe, minimizing downtime and safeguarding operations. This incident highlights the importance of proactive inspections and strong interdepartmental coordination in maintaining plant reliability and safety.



Better Mixing, Better Quality

Yasir Ahmed Shaikh

In the Oxidation Plant, maintaining consistent catalyst composition is crucial for ensuring the quality of purified terephthalic acid (CTA). Catalyst solutions containing cobalt and manganese are prepared in two storage tanks, F1-717A and F1-717B, based on defined set points.

Recovered catalyst from the Catalyst Recovery Unit (CRU) is transferred into these tanks, where it is sampled and analyzed. Fresh catalyst is then added as needed to achieve the desired composition. However, inconsistent mixing in the tanks often led to deviations between the target and actual

compositions, causing fluctuations in downstream catalyst concentration and impacting CTA quality.

To address this issue, a modification was proposed to install eductors to enhance internal circulation and ensure more uniform mixing. An eductor was first installed in F1-717A, which led to a noticeable improvement, with reduced variation from the target composition.

This initiative by the Technical Department demonstrates a strong commitment to process optimization and continuous improvement in product quality.



Training on Productive Mindset

Rushna Khalil

LCPL conducted a training session on Productive Mindset by Mr. Saadi Insha in April, aimed at empowering participants with practical strategies to enhance focus, efficiency, and goal-oriented

thinking. Through real-life examples and reflective exercises, employees were encouraged to shift from reactive habits to intentional, value-driven actions.



Sports Week: Passion Meets Precision

Tariq Patel & Muhammad Bilal Siddiqui

The Sports and Recreation Club Committee once again brought the organization together through Sports Week, held from 3 to 14 February. With enthusiastic participation across departments, the event featured high-energy competitions in cricket, badminton, and table tennis. Teams were formed from Works, Production, and AAM Block/City Office, each led by dedicated captains who inspired strong performances throughout the week. Works 1, led by Mati ur Rehman, Works 2, led by Amir Azam, Production 1, led by Noor Nabi and Production 2, led by Sikandar Khan.

The grand finale brought together top players from Works and Production in a combined-team showdown, symbolizing unity through sports. Kamran Saeed Khan earned his second Player of the Match award and led the unified side to a memorable victory, closing the cricket series on a high note.

The badminton doubles tournament was a crowd favorite, featuring intense rallies and incredible teamwork. The City Office duo of Talha Khan & Tabish Ashfaq outplayed Ahmed Ali Khan & Wali Ahsan (Production) in a gripping semi-final. Syed Qamar Alam & Mashood Adil (Works) triumphed over Muhammad Irfan & Touqeer (Production) in another close semi-final.

The final between Talha Khan & Tabish Ashfaq and Qamar Alam & Mashood Adil was a nail-biter, ultimately won by the City Office team after a thrilling display of endurance, strategy, and skill.

The table tennis event offered edge-of-the-seat excitement with standout performances. Mati-ur-Rehman (Works) defeated Waseem Siddiqui in the semi-final, showcasing poise and experience. Tabish Ashfaq (City Office) overcame Tariq Rehman to book his place in the final. In this fiercely contested final, Tabish Ashfaq got the table tennis championship and remarkably, achieved a dual-sport victory alongside his badminton title. A special women's table tennis match was also arranged between Rehana Rafi and Iffat Rehman, where Iffat Rehman emerged as the winner, highlighting LCPL's commitment to inclusivity in sports.

Sports week ended on a celebratory note with a prize distribution ceremony, honoring winners and outstanding performers across all events:

Tabish Ashfaq - Celebrated for his historic double win in table tennis and badminton
Kamran Saeed Khan - Recognized for winning Player of the Match in two cricket fixtures
Captains Mati-ur-Rehman, Noor Nabi, and Amir Azam - Applauded for their inspiring leadership
Iffat Rehman - Acknowledged as the women's table tennis champion.



Sports Week 2025 was more than a collection of games; it was a celebration of teamwork, resilience, and shared joy. Every department contributed to a vibrant, unified experience that strengthened the

bonds across LCPL. We are thankful to Sports and Recreation Club Committee, specifically Tariq Patel and Muhammad Hassan Siddiqui for their outstanding efforts.



Opportunity through the challenges

Muhammad Irfan

In day-to-day plant operations, challenges such as equipment downtime due to corrective maintenance can lead to reduced plant load or even shutdowns, resulting in production loss and significantly impacting variable costs during under-capacity operation.

In one such critical situation, the Manufacturing

Director led by example with a practical and insightful solution: a crossover line modification that enabled a single pump to serve both Rovacs, enhancing operational flexibility. The modification involved connecting the suction headers of both Rovacs, allowing the pump to be switched between them without reducing plant load. This avoided production losses and helped control variable costs.

Swift Response Averts Emergency

Asad Hayat

In the early hours of a routine night shift, a critical situation arose at the HP Absorber Unit, an essential component of the Oxidation Plant that treats off-gases from the reactor.

A malfunction occurred in the absorber's lower-section level transmitter. Although system displays showed normal readings, local field checks revealed a significant deviation. This prompted an immediate and well-coordinated response from the team. Corrective

actions were swiftly implemented, and the system was fully stabilized by just seven minutes after the issue was escalated, restoring standard operation.

This event highlights the vigilance, commitment, and excellent teamwork demonstrated by the entire team, including the Senior Shift Manager, Boardman Furqan Ahmed Qureshi, Area Operators Muhammad Ammar, Imran Ali, Syed Jawad Hyder, and Instrument Technician Sheraz Ali.



First Major Upgrade for the Batch Tank

Iffat Rehman



The Batch Tank load cell has been successfully replaced the recent outage, addressing both faulty

readings and obsolescence. With the new load cell installed, the system now delivers improved accuracy in weight measurements, leading to better process control, enhanced batching precision and production quality. This was the first major maintenance since commissioning, marking a significant milestone.

It was Led by Umair Aleem (Manager Instrumentation, Core Plant & DCS), with Asif Farooqi (Engineer Instrumentation) and Abdul Wahab (Junior Engineer Instrument), the task was completed with great teamwork and dedication. The project was a true team effort, with exceptional contributions from the Production, Technical and Engineering departments.

Training on Supervisory Skills

Rushna Khalil

LCPL organized training on Supervisory Skills by Mr. Asim Rashid in May, to equip frontline leaders with the essential tools to manage teams effectively and

drive performance. The session focused on core competencies such as communication, delegation, conflict resolution, and performance feedback.



Enhancing Reliability

Iffat Rehman

To safeguard the integrity of our agitators' seals, we employ Glycerine skid - a critical component in our process operations for lubrication. For enhancing the reliability and efficiency of these skids, we successfully migrated skids parameters that is flow, temperature, pressure and level from manual to distributed control system in recent outage. This strategic upgrade enables effective monitoring, precise control, and optimized performance of the Glycerine skids, ultimately ensuring the smooth operation of our agitators. Trends can be tracked, and overall performance is assured. Additionally, it is crucial for tracking the proportion production of Crude Terephthalic Acid.

The initiative was led by Umair Aleem (Manager Instrumentation, Core Plant & DCS) with the

collaboration of Shujaat Ali Khan (Assistant Engineer Instrumentation) and Asif Farooqui (Engineer Instrumentation). The Production team continued to provide remarkable support, under the leadership of Sajid Shafique (Senior Shift Manager).



When Challenges Arise, True Teamwork Shines

Umair Ahmed Bhatti

The Off-Gas Drier system encountered a critical issue when Tower-B's regeneration valve failed to open. What could have been a major disruption was swiftly contained through quick thinking and teamwork.

Nitrogen was lined up for initial diagnosis, but the team minimized its use with a hands-on, resourceful approach. A manual workaround was implemented, operating manually for each regeneration cycle, ensuring uninterrupted system operation.

Meanwhile, a welder repaired the valve's limit switch linkage, and the instrumentation team replaced the faulty part.



Establishing New Benchmarks

Muhammad Taimoor Aijaz

The production team set a new benchmark by completing the plant shutdown and safe transfer of hazardous materials in record time, despite the added challenge of operating during the holy month of Ramadan.

Amid intense heat and fasting hours, the unwavering dedication of shift managers, board operators, apprentices, and the entire operations team ensured

a safe, efficient, and timely execution. Their efforts were supported by extended day and night shifts, driven by strong teamwork and a shared commitment to excellence.

Special appreciation goes to the plant managers and Production Manager for their outstanding leadership and strategic guidance, which made this milestone achievement possible.



Batch Tank Load Cell Upgrade

Iffat Rehman

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teamwork and dedication. The project was a true team effort, with exceptional contributions from the Production, Technical and Engineering departments.



Safety, Teamwork, and a Job Well Done

Iffat Rehman

The onsite cleaning of the thermal mass flow meter was successfully completed despite challenging conditions, as the line was filled with biogas involving major concentration of hazardous Hydrogen Sulfide. The Instrument and ERT teams demonstrated exceptional professionalism

throughout the task. Special appreciation goes to Nadeem Bhatti (Engineer Instrumentation) and Awais (Sub Engineer Instrumentation) for their outstanding efforts while executing job. We extend our sincere thanks to the entire ERT team for their diligent preparation beforehand and onsite support.



Training on Advanced Machine Lubrication

Muhammad Absar Ahmed

Lotte Chemical Pakistan Limited recently conducted a focused Machine Lubrication Analyst Level II (MLA-II) training to enhance the technical team's understanding of lubrication practices and proactive maintenance strategies.

The program emphasized the vital role lubricants play in reducing friction, heat, and wears, key to improving equipment reliability and efficiency. Participants explored advanced maintenance techniques such as Reliability Centered Maintenance (RCM) and Condition Based Maintenance (CBM), along with hands-on sessions on oil sampling,

lubricant analysis, and wear detection using tools like FTIR, RPVOT, and ferrography.

Led by Mohammad Naseer Uddin, a seasoned expert with over 25 years in the oil and gas sector, the training blended practical insights with global best practices. He currently serves as Reliability Manager at Asset Reliability and Arabian Technologies and contributes regularly to industry publications.

Through this initiative, Lotte Chemical Pakistan Limited reinforces its commitment to skill development, operational excellence, and long-term plant reliability.



Welcoming Young Talent

Rushna Khalil

We successfully initiated our Internship Program, welcoming bright students from various universities to our plant site. The batch includes aspiring Chemical,

Electrical, Mechanical, and IT engineers. This program offers them hands-on industry exposure and a valuable learning experience in a real-time plant environment.



Smart Monitoring in Process Industry

Muhammad Saijd Shafique

In process industries, maintaining mechanical seal integrity is essential for safety and equipment reliability. For the agitator, the original Distributed Control System setup provided only a basic fault signal, limiting operators' ability to detect specific seal issues and respond promptly.

Recognizing this gap, Imran Ali (Assistant Engineer Process) proposed integrating seal fluid

temperature and flow data into the DCS. With support from the instrumentation team, this enhancement was successfully implemented.

Now, operators can view real-time seal parameters with configurable alarms for deviations, enabling timely preventive actions and reducing downtime. This upgrade reflects a proactive approach to predictive maintenance and improved operational control.



Sustainability through Smarter Pumping

Aliyan Tanweer

As part of ongoing energy-saving efforts, the Reverse Osmosis Unit B (RO-B) has been successfully optimized to operate with a single high-pressure pump. Previously run with two pumps to maintain flow and pressure, the unit now delivers stable performance while significantly reducing power consumption.

This transition has been carefully validated to ensure process parameters and output quality remains unaffected. The result is measurable energy savings, reduced operational costs, and a lower carbon footprint, contributing to both efficiency and sustainability goals.

Staying Ahead Under Pressure

Sohaib-ul-Hasan

The operations team recently managed a challenging situation involving the scrubbing unit responsible for removing benzoic acid from the CTA feed hopper vent gases. The issue began when the outlet line of the mop became choked, leading to a pressure buildup in the feed hopper. This triggered the safety valve, releasing a mix of benzoic acid and nitrogen, an early warning that required immediate attention.

Initial efforts, including a caustic wash and stroking operations, temporarily stabilized the system.

However, pressure soon began rising again, indicating the root cause remained. Demonstrating strong problem-solving skills, the shift in-charge and area operators re-evaluated the situation and suspected brush wires from the mop were blocking the line. Upon gap-flanging the outlet, their suspicion was confirmed, and the obstruction was cleared.

This successful response highlighted the team's technical expertise, calm decision-making, and commitment to safety and collaboration.



Representing the Industry at Habib University

Rushna Khalil

The Habib University's Dhanani School Undergraduate Research Symposium (DURS 2025) was held on 21 May. Among the guest speakers was Abdullah Bin Azhar, Manager Instrumentation (Utilities and Reliability) at Lotte Chemical Pakistan Ltd. He effected an engaging discussion on the role of emerging technologies in Pakistan's industry as well as abroad.

Valuable insights were shared on the evolving expectations from graduates, stressing the need for a balance of technical knowledge, soft skills and adaptability. The session was aimed at bridging the gap between academia and industry, paving the way for stronger future collaborations and real-world impact.



TTC Round Up



Defensive Driving Training Course organized by LCPL & Toyota Motors.



Information Security Awareness Session conducted by Mr. Arif Hussain.(IT Manager).



Training Course on Hazard Identification & Risk Assessment conducted by Mr. Sohail Abbas (HSE & Technical Training Manager).



Training Course on Machine Lubricant Analyst Level II (MLA II) conducted by Mr. Mohammad Naseer Uddin (External Trainer)



Awareness & Training Course on Plant Modification system Conducted by Mr. Wali Ahsan (Process Development & Lab Manager) & Mr. Noor Nabi. (Process Engineering Manager),



Training session on Plant Emergencies conducted by Mr. Fahad Ahmed. (Safety Officer)



Awareness sessions on TPM Restructure & progress review (03 sessions) conducted by Mr. Arshad Ali Shaikh. (TPM Manager).



TPM Refresher Session conducted by Mr. Arshad Ali Shaikh. (TPM Manager).



Training Course on SUSA Auditing conducted by Mr. Shuaib Iqbal (Manager-QHSE& IMS Compliance).



Training session on Use of Personal Protective Equipment (PPEs) conducted by Mr. Fahad Ahmed. (Safety Officer)



Practical Training session on Use of Fire Extinguishers conducted by Mr. Fahad Ahmed. (Safety Officer)



Practical Training session on Use Of Fire Hose Reel conducted by Mr. Fahad Ahmed. (Safety Officer)

A Warm Welcome



Muhammad Hamza Khaliq, BE Electrical Engineering, FAST National University, Karachi, has joined the Company as Management Trainee-Electrical, with effect from 1st January 2025.



Kashif Faraz, FSc. Pre-Engineering has joined the Company as Asst. Lab Officer - IV, with effect from 1st January 2025.



Waleed Ahmed Qureshi, DAE Chemical, Govt. College of Technology, Karachi, has joined the Company as Sub-Engineer Process - IV, with effect from 1st January 2025.



Shekh Muhammad Umair Anees, Intermediate, Bahawalpur Board, has joined the Company as Sub Engineer Process - IV, with effect from 1st February 2025.



Aliyan Tanweer, BS Chemical Engineering, NED University of Engineering & Technology, Karachi, has joined the Company as Management Trainee, with effect from 10th February 2025.



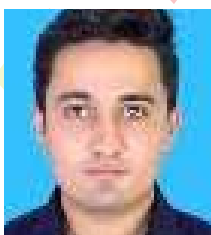
Naveed, BSc Electrical Engineering Technology, Sindh Institute of Management & Technology, Karachi, has joined the Company as Sub Engineer Electrical - I, with effect from 3rd March, 2025.



Shahrukh Khan, Intermediate, Government College of Commerce & Economics, Karachi, has joined the Company as Accounts Officer, with effect from 1st March, 2025.



Noman Farooq, MBA (Supply Chain Management), Iqra University, Karachi, has joined the Company as Assistant Purchase Manager, with effect from 1st March, 2025.



Syed Jawad Ahmed Shah, BS Chemical Engineering, NED University of Engineering & Technology, Karachi, has joined the Company as Management Trainee, with effect from 18th March, 2025.



Ibad Ahmed Khan, Diploma of Associate Engineer-Petroleum from Sindh Board of Technical Education Karachi, has joined the Company as Manufacturing Operator, with effect from 13th March 2025.



Muhammad Kamran, Intermediate, Dehli Government College, Karachi, has joined the Company as Manufacturing Operator, with effect from 13th March 2025.



Talha Ali, Intermediate, Government Superior Science & Commerce College, Karachi, has joined the Company as Manufacturing Operator, with effect from 13th March 2025.



Muhammad Faiz Alam Siddiquie, D.A.E Mechanical, Al-Jadoon Institute of Technology, Karachi, has joined the Company as Junior Engineer - Workshop, with effect from 5th May, 2025.



Muhammad Waqas, B.Com, University of Karachi, has joined the Company as Treasury Officer, with effect from 1st April, 2025.



Muhammad Bilal Siddiqui, BS Mechanical Engineering, NED University of Engineering & Technology, Karachi, has joined the Company as Management Trainee, with effect from 1st July, 2025.



Khawaja Muhammad Habib Ali, Intermediate, Government Superior Science & Commerce College, Karachi, has joined the Company as Manufacturing Operator, with effect from 1st July 2025.



Muhammad Inam, Intermediate, Government Superior Science & Commerce College, Karachi, has joined the Company as Manufacturing Operator, with effect from 1st July 2025.



Muhammad Yamim, Diploma of Associate Engineer-Chemical Technology, Punjab Board of Technical Education, Lahore, has joined the Company as Manufacturing Operator, with effect from 1st July 2025.

Long Service Award Recipients



Syed Rizwan Ahmed completed 25 years of service on 31st January 2025. He joined the company on 1st February 2000 and is presently working as Admin & IR Manager.



Mansoor Alam completed 25 years of service on 6th February 2025. He joined the company on 7th February 2000 and is presently working as Engineer Electrical (PU, B&I and Hazardous Area).



Muhammad Saeed completed 25 years of service on 20th February 2025. He joined the company on 21st February 2000 and is presently working as Assistant Engineer Electrical.



Mian Abdul Rasheed completed 25 years of service on 28th February 2025. He joined the company on 1st March 2000 and is presently working as Junior Engineer Mechanical.



Arshad Ali Sheikh completed 25 years of service on 27th April 2025. He joined the company on 28th April 2000 and is presently working as TPM Manager.



Muhammad Faisal Rasheed completed 25 years of service on 14th June 2025. He joined the company on 15th June 2000 and is presently working as Assistant Engineer Process.



Tamia Rizwan completed 25 years of service on 15th June 2025. He joined the company on 14th June 2000 and is presently working as Senior Plant Operator.



Sikandar Khan completed 20 years of service on 30th June 2025. He joined the company on 1st July 2005 and is presently working as Plant Manager Utilities & Co-Generation.



Kashif Majeed completed 20 years of service on 26th May 2025. He joined the company on 6th January 2012 and is presently working as Head of Internal Audit.



Muhammad Junaid Khan completed 15 years of service on 28th February 2025. He joined the company on 1st March 2010 and is presently working as Sub Engineer Mechanical-II.



Muhammad Faizan Munir completed 15 years of service on 31st May 2025. He joined the company on 1st June 2010 and is presently working as Assistant Purchase Manager.



Arsalan Ahmed completed 10 years of service on 22nd February 2025. He joined the company on 23rd February 2015 and is presently working as Shift Manager.



Muhammad Sohaib Ali Khan completed 10 years of service on 14th January 2025. He joined the company on 15th January 2015 and is presently working as Sub Engineer Process-II.



Muhammad Altaf Khan completed 10 years of service on 31st May 2025. He joined the company on 1st June 2015 and is presently working as Sub Engineer Mechanical -II.



Muhammad Sohail Akram completed 10 years of service on 22nd February 2025. He joined the company on 23rd February 2015 and is presently working as Shift Manager.



Bilal Javed completed 10 years of service on 30th June 2025. He joined the company on 1st July 2015 and is presently working as Administration & IR Officer.



Muhammad Zohaib completed 10 years of service on 30th June 2025. He joined the company on 1st July 2015 and is presently working as Assistant Treasury Manager.

اسپورٹس ویک: جذبہ اور مہارت کا سنگم

طارق ٹیل اور محمد بلال صدیقی

ٹیل ٹینس میں بھی جوش و خروش دیدنی تھا۔ سیسی فائنل میں مطیع الرحمان (ورکس) نے وسیم صدیقی کو ہرایا جبکہ تابش اشفاق (سٹی آفس) نے طارق رحمان کو شکست دے کر فائنل میں جگہ بنائی۔ فائنل میں تابش اشفاق نے نہ صرف ٹیل ٹینس چیمپئن کا اعزاز جیتا بلکہ بیڈمنٹن کے ساتھ ڈبل ٹائٹل بھی حاصل کیا۔ خواتین کے لیے بھی ٹیل ٹینس میچ منعقد کیا گیا، جس میں رفیعہ ریحانہ اور عفت رحمان کے درمیان دلچسپ مقابلے کے بعد عفت رحمان نے فتح حاصل کی۔ اس اقدام نے LCPL کے کھیلوں میں شمولیت کے عزم کو اجاگر کیا۔

اسپورٹس ویک کی اختتامی تقریب میں جیتنے والوں کو انعامات سے نوازا گیا۔ تابش اشفاق - ٹیل ٹینس اور بیڈمنٹن میں شاندار کامیابی پر نوازا گیا۔

کامران سعید خان نے دو کرکٹ میچز میں پلیئر آف دی میچ قرار پانے پر، مطیع الرحمان، نور بی اور عامر اعظم کی قیادت میں بہترین کارکردگی دکھانے پر اور عفت رحمان کو خواتین ٹیل ٹینس چیمپئن کے طور پر تحسین اور انعامات سے نوازا گیا۔

اسپورٹس ویک 2025 صرف کھیلوں کا موقع نہیں تھا بلکہ اتحاد، ٹیم ورک اور خوشی کا بھرپور جشن تھا۔ ہم اسپورٹس اینڈ ریکریٹیشن کلب کمیٹی بالخصوص طارق ٹیل اور محمد حسن صدیقی کے شکر گزار ہیں جن کی انتھک محنت نے اس ہفتے کو یادگار بنایا۔

اسپورٹس اینڈ ریکریٹیشن کلب کمیٹی نے ایک بار پھر ادارے کے ملازمین کو اسپورٹس ویک کے ذریعے جوڑ کر ایک یادگار روایت کو زندہ رکھا۔ 3 تا 14 فروری کو منعقد ہونے والے اس ہفتے میں کرکٹ، بیڈمنٹن اور ٹیل ٹینس کے دلچسپ مقابلے شامل تھے۔ ورکس، پروڈکشن، اور AAM بلاک / سٹی آفس سے بننے والی ٹیموں نے اپنے کپتانوں کی قیادت میں بہترین کارکردگی کا مظاہرہ کیا۔ ورکس 1 کی قیادت مطیع الرحمان، ورکس 2 کی قیادت عامر اعظم، پروڈکشن 1 کی کپتانی نور بی اور پروڈکشن 2 کی ٹیم نے سکندر خان کی کپتانی میں زبردست کھیل پیش کیا۔

فائنل میچ میں ورکس اور پروڈکشن کے کھلاڑیوں پر مشتمل ایک مشترکہ ٹیم کی شرکت نے کھیل کے ذریعے اتحاد کا خوبصورت پیغام دیا۔ کامران سعید خان نے دوسرے پلیئر آف دی میچ کا اعزاز حاصل کیا اور ٹیم کو یادگار فتح دلائی۔

بیڈمنٹن ڈبلز نے شائقین کو مسحور کر دیا۔ سٹی آفس کے طلحہ خان اور تابش اشفاق نے سیسی فائنل میں پروڈکشن کے احمد علی خان اور ولی احسن کو شکست دی۔ دوسرے سیسی فائنل میں ورکس کے قمر عالم اور مشہود عادل نے پروڈکشن کے عرفان اور توقیر کو ہرایا۔

فائنل میں، قمر عالم و مشہود عادل اور طلحہ خان و تابش اشفاق کے درمیان سخت مقابلہ ہوا، جہاں سٹی آفس کی جوڑی نے مہارت، حکمت عملی اور عزم کی مثال قائم کرتے ہوئے کامیابی حاصل کی۔



Lotte کیمیکل پاکستان لمیٹڈ کو 14 ویں انٹرنیشنل سمسٹ اور ایوارڈ 2025 سے نوازا گیا

احمد عابدی

تقریب کے مہمان خصوصی مسٹر انجم ثار، سینئر وائس چیئرمین، بزنس مین گروپ (BMG)، کراچی چیئرمین آف کامرس اینڈ انڈسٹریز تھے، جن کی موجودگی نے اس موقع کو مزید باوقار بنادیا۔ انعامات کی تقسیم سے قبل مہمان خصوصی نے پائیدار قومی ترقی میں کارپوریٹ سماجی ذمہ داری (CSR) کے اہم کردار پر روشنی ڈالی اور اُن اداروں کو سراہا جو کمیونٹی کی بہتری کے لیے مؤثر اقدامات کر رہے ہیں۔

19 فروری 2025 کو منعقدہ ایک پروقار تقریب میں لوٹے کیمیکل پاکستان لمیٹڈ کو بین الاقوامی سطح پر ممتاز 14 ویں انٹرنیشنل سمسٹ ایوارڈ 2025 سے سرفراز کیا گیا۔ یہ تقریب دی پرو فیشنل نیٹ ورک کے زیر اہتمام کراچی کے معروف مووین پک ہوٹل میں منعقد ہوئی۔

جناب راجہ وحید اللہ خان، ڈائریکٹر ایڈمن، ہیومن ریسورسز اینڈ آئی ٹی، نے LCPL کی نمائندگی کرتے ہوئے یہ اعزاز فخر سے وصول کیا۔



LCPL کا شاندار حفاظتی ریکارڈ، کسی حادثے کے بغیر 18 ملین محفوظ مین آؤرز کی تکمیل

شعیب اقبال

جناب طارق این ورک (ڈائریکٹر مینوفیکچرنگ) نے LCPL ٹیم کی بھرپور تعریف کی اور اسے ایک مثالی حفاظتی معیار قرار دیا۔ انہوں نے کہا کہ یہ کامیابی صرف ٹیم ورک، نظم و ضبط اور لگن سے ہی ممکن ہوئی ہے جو LCPL کی بنیاد (1998) سے لے کر آج تک برقرار ہے۔

اس سنگ میل کے اعتراف میں ملازمین کو تحفہ میں کوپن دیئے گئے، جو اُن کی محفوظ طرز عمل اور ذمہ داری کا عملی اعتراف ہے۔

Lotte کیمیکل پاکستان لمیٹڈ نے 23 مارچ کو 18 ملین محفوظ مین آؤرز مکمل کرتے ہوئے کسی بھی قسم کے "لاسٹ ٹائم کیس" (LTC) کے بغیر ایک اور شاندار HSE & S کارکردگی کا سنگ میل عبور کر لیا۔

اس موقع پر جناب یانگ ڈے کم (چیف ایگزیکٹو) نے تمام ملازمین کو دل کی گہرائیوں سے مبارکباد دی اور ان کی ذمہ دارانہ روش، حفاظتی اصولوں پر سختی سے عمل اور مثبت رویے کو سراہا۔ انہوں نے کہا کہ یہ عالمی معیار کا یہ کارنامہ تمام ملازمین کی مسلسل کوششوں اور قیمتی خدمات کا نتیجہ ہے۔

Lotte کیمیکل پاکستان لمیٹڈ کو 17 ویں سالانہ سی ایس آر ایوارڈ سے نوازا گیا

احمد عابدی

تقریب کے مہمان خصوصی جناب قیصر احمد شیخ، وفاقی وزیر برائے میری ٹائم انیٹرز، پاکستان تھے، جنہوں نے اپنی بصیرت افروز گفتگو میں قومی ترقی کے لیے کارپوریٹ سماجی ذمہ داری (CSR) کے اہم کردار پر روشنی ڈالی۔ انہوں نے ایسے اداروں کی تعریف کی جو سماجی بھلائی کے ذریعے ملک و قوم کی خدمت میں پیش پیش ہیں۔

Lotte کیمیکل پاکستان لمیٹڈ (LCPL) کو سماجی ذمہ داری کے میدان میں نمایاں خدمات کے اعتراف میں نیشنل فورم فار انوائزمنٹ اینڈ ہیلتھ (NFEH) کی جانب سے منعقدہ 17 ویں سالانہ CSR ایوارڈ 2025 سے سرفراز کیا گیا۔ یہ شاندار تقریب اسلام آباد کے سرینا ہوٹل میں 18 فروری 2025 کو منعقد ہوئی۔ LCPL کی جانب سے یہ اعزاز جناب راجہ وحید اللہ خان، ڈائریکٹر ایڈمن، ایچ آر اور آئی ٹی، نے فخر کے ساتھ وصول کیا۔



خواتین کو بااختیار بنانے اور صنفی مساوات کے اعتراف میں LCPL کو اعزاز حاصل

رشنا خلیل

اُن اداروں کو پیش کیا جاتا ہے جو صنفی مساوات اور خواتین کی پیشہ ورانہ ترقی کے لیے مثالی کردار ادا کر رہے ہیں۔ ایوارڈ کی تقریب میں جناب شاہد عبدالسلام کھیم، وزیر محنت و افرادی قوت، سندھ نے LCPL کو یہ اعزاز پیش کیا، جبکہ جناب گنیر تھامس ٹونسٹول، ڈائریکٹر ILO پاکستان اور دیگر معزز مہمان بھی موجود تھے۔ LCPL کی جانب سے یہ ایوارڈ جناب راجہ وحید اللہ خان، ڈائریکٹر ایڈمن، ایچ آر اور آئی ٹی نے وصول کیا۔

Lotte کیمیکل پاکستان لمیٹڈ (LCPL) نے ایک اور قابل فخر کامیابی حاصل کرتے ہوئے ایپلاؤز فیڈریشن آف پاکستان (EFP) کی جانب سے خواتین کو بااختیار بنانے اور صنفی مساوات کا اعزازی ایوارڈ 2025 اپنے نام کیا۔ یہ اعزاز LCPL کے اُس عزم کا مظہر ہے جس سے ایک جامع، متنوع اور بااختیار ماحول کی فراہمی یقینی بنائی ہے۔

یہ اعزاز انٹرنیشنل لیبر آرگنائزیشن (ILO)، یونیسف اور GmbH GIZ کے اشتراک سے



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