|H1|2023|

connect

Sports Week

LOTTE CHEMICAL PAKISTAN LTD

Connect is a corporate newsletter intended
for employees and partners of LOTTE Chemical Pakistan Ltd

Completion of 17 Million Man-hours without LTC for the LCPL Employees

Shuaib Iqbal

LOTTE Chemical Pakistan Ltd. has achieved another milestone in HSE&S Performance by completing 17 million Safe Man-hours without any Lost Time Cases (LTC) for its employees on 25 May.

Mr. Young Kim (Chief Executive) congratulated the LCPL team and appreciated the efforts and valuable contribution of all employees in achieving this world-class benchmark.

Mr. Tariq N. Virk (Director-Manufacturing) appreciated the exceptional safety record set by the LCPL team as this could not have been achieved without great teamwork and responsibility shown by each and every person working on site since the start of operations in 1998. He emphasized on continued efforts in making LCPL a safe working place for our employees, contractors and visitors and raise HSE&S performance to the next level of excellence.

The strong focus of the Management on Health, Safety and Environment defines our standards to conform with the best practices. This remarkable achievement confirms the confirms the effectiveness of our HSE&S management system.

As a reward for their adherence to safe work practices, LCPL employees were awarded gift coupons.

Congratulations to the LCPL team.

35 Years of Dedicated Service

Rushna Khalil

In recognition of an extraordinary milestone, we honor the remarkable career of Mr. Ashiq Ali who has dedicated an incredible 35 years of service to our organization as a valuable leader of our finance team.

Throughout the years, Mr. Ashiq Ali has consistently demonstrated unparalleled expertise in the field of finance, playing an instrumental role in shaping our financial strategies and driving growth. His knowledge, attention to detail, and insightful guidance have been invaluable assets, helping steer our organization through.

Beyond his exceptional professional abilities, Mr. Ashiq Ali has embodied the spirit of dedication, and integrity that sets him apart. Mr. Ashiq Ali has consistently demonstrated a collaborative and team-oriented approach, fostering a positive and supportive work environment.

We express our sincere appreciation for your unwavering commitment to our organization over the past 35 years and we look forward to the continued contributions and successes that lie ahead.

Editorial

Dear Readers,

We are thrilled to bring you a kaleidoscope of memorable moments from various events that have recently graced our calendar.

This year began with a remarkably planned Sports week which heightened the spirits of our employees to next level, followed by completion of 17 million man-hours, along with Chief Executive awards, TPM reward distribution Ceremony and much more.

LCPL is more than just a group of employees; it is a tapestry of diverse experiences, shared goals, and collective achievements. Each event showcased here reflects our commitment to making a positive impact, embracing innovation, promoting well-being, fostering inclusivity, and recognizing the invaluable contributions of our team members.

As we look ahead, we eagerly anticipate even more enriching experiences and events that will continue to shape our company's journey. Thank you for being an essential part of this vibrant tapestry, and we cannot wait to create more memorable moments together.

- Newsletter Team

Celebrating Chief Executive Awards – H1 2023

Rushna Khalil

In a joyous celebration of excellence, LCPL recently held an unforgettable award ceremony on 2 June to honor and recognize the exceptional achievements of our high-performing individuals. This prestigious event served as a platform to acknowledge their hard work, dedication, and remarkable contributions that have propelled our organization to new heights. The award ceremony was not just a moment to applaud individual achievements; it was also a testament to our organization's commitment to fostering a culture of recognition and appreciation. Through this event, we demonstrated our belief in the power of acknowledgment and the impact it has on employee motivation, engagement, and overall organizational success.







Operational Excellence: The Blueprint of Efficiency, Productivity and Profitability

Muhammad Sajid Khan & Wali Ahsan

In today's highly competitive business environment, organizations strive to maximize efficiency and optimize operations to maintain a competitive edge by reducing costs and optimizing plant performance. One such success story is the implementation of Operation Excellence initiatives by the Operations and Technical departments. The idea was to standardize each routine and non-routine activity to minimize duration of activity, reduce cost and chemical consumption, and keep raising the bar. Similarly by focusing on process improvement, data gathering, setting benchmarks for different activities, and enhancing overall performance, Operational Excellence enables companies to achieve significant cost savings.

In this context, the concept of Operational Excellence was introduced to the Operations department, by Mr. Adnan Ul Haq (GM Operations). To implement operational excellence, teams were formed, consisting of representatives from all the plants, as well as Technical Process Managers. The passionate team established a roadmap and ensured that the objectives were effectively communicated to every individual in the department. This objective could not have been achieved without the coordinated efforts of all the Plant managers and Process Managers (Muhammad Sajid Khan, Sikandar Khan, Muhammad Ismail, Noor Nabi, Wali Ahsan and Syed Jawad Amin). They were not only involved in planning, benchmarking, and aligning their respective team members with the assigned tasks but also effectively followed through with all the activities.

To better co-ordinate the activities within the Production team, one facilitator from each Plant was nominated: Asad Hayat from Oxidation, Syed Aizaz Hussain Rizvi from Purification, Muhammad Noman Khan from Utilities, and Muhammad Sohail Akram from CoGen. Operational excellence is not just a goal, it is a culture. LCPL believes in fostering a culture that drives every individual to display excellence in whatever they do. This will ultimately translate into excellence for the entire organization.

By benchmarking timings and consumptions, the team gained valuable insights into the existing processes and established a performance baseline, based on which a successful model case was developed. This case served as a blueprint for optimizing operations during low load periods. By carefully analyzing the data, the team identified opportunities to minimize energy consumption, improve resource allocation, and streamline production processes. Guidelines were shared with the operating team to track activities. Regular audits were conducted to ensure that the project remained on the right track.

Aligning the overall tasks with our strategy in place, these optimization led to significant savings.

Operational Excellence proves to be a powerful driver of cost savings in today's business landscape. However, it is crucial to recognize that operational excellence is an ongoing journey rather than a one-time effort. The successful implementation of Operation Excellence initiatives in the operations and technical departments showcased the tremendous benefits of benchmarking, streamlining operations, and adopting targeted strategies.

Efficient Replacement of CTA Dryer Condensate Flexible Hose

Asad Hayat

The safe and smooth operation of process plant and equipment is essential for both operational efficiency and safety of personnel. The production team always maintains a vigilant approach by closely monitoring all processes within their assigned areas of responsibility. A concerning issue regarding CTA Dryer's condensate flexible hose was observed. Bend in the flexible hose along with leakage with an increasing rate, posed risk of steam leakage which could lead to a potential risk.

Taking a proactive approach, the operations teams assessed the criticality of the situation and came up with an idea to replace the damaged hose. This task demanded precise timing and coordination between Maintenance and Operations teams to minimize Dryer downtime and ensure uninterrupted plant operation. The task was thoroughly reviewed and a strategy was devised to replace the flexible hose while keeping plant online and maintaining all the safety standards for both equipment and personnel. The execution of the task was meticulously supervised and carried out successfully without any disruption to plant operations. This accomplishment of the challenge exemplifies the professionalism and competence of both the maintenance and production teams.

Radiation Emergency Drill at LCPL

Shuaib Iqbal

HSE&S department conducted a Radiation Emergency Drill at LCPL plant site on 12 June in coordination with Pakistan Nuclear Regulatory Authority (PNRA) RNSD-III Karachi and National Radiation Emergency Coordination Center (NRECC), Islamabad supported by nearby industry (P&G) with the objective to ensure the compliance of regulatory requirements for the handling of Radiation Emergencies.

PNRA officials Mr. Asad Mahmood, Mr. Muhammad Osman and Mr. Muhammad Fahad participated in the drill.

The drill was supervised by Mr. Shuaib Iqbal, facilitated by Mr. Sohail Abbas, Mr. Taimoor Ijaz, Mr. Syed Aizaz Hussain Rizvi, well-coordinated by the Medical and Security team and assisted by Mr. Hamid Shafi, Mr. Hamid Nasir and Mr. Syed Rizwan Ahmed.

Special support was provided by Syed Rizwan Ahmed for administrative arrangements and lining up of Medical Ambulance from P&G as per requirement of the PNRA team to verify the support and coordination of LCPL with outside resources.

The PNRA team appreciated the emergency response arrangements and procedures implemented at the LCPL site for handling any radiation Emergency.

OPCW Inspections of LCPL by OPCW Hague & CWC NA

Shuaib Iqbal

The Organization for the Prohibition of Chemical Weapons (OPCW) is the implementing body for the Chemical Weapons Convention (CWC), has a lot of contractual of obligations to fulfill, and the National Authority (NA) of Pakistan is responsible for implementation of CWC in Pakistan. The mandate of the National Authority is to ensure compliance with the provisions of the Convention and implantation of CWC in Pakistan. National Authority also monitors all the Chemical and Pharmaceutical industries of the country, which are processing, consuming or producing Discrete Organic Compounds (DOCs))/PSF chemicals above the given threshold. In order to verify the industry's declaration, a Routine Inspection program is in place by NA. The Routine Inspection is primarily organized/launched by the Technical Secretariat of the Organization for the Prohibition of Chemical Weapons (OPCW) to ascertain that the Schedule Chemicals and other DOCs being produced, processes, and consumed by the Industrial Sector of the State Party (SP) is declared in line with rules set out by CWC's various articles and prepare for the impending inspection by the OPCW Hague office – Netherlands OPCW Hague (Netherlands) planned the inspections of Lotte Chemical Pakistan Ltd. from 09-10 March 2023 to verify the industry's declaration of DOCs and to observe the Plant Operations, Processes and HSE'S Management Systems. Prior to the OPCW scheduled inspections, The CWC National Authority (Ministry of Foreign Affairs) Pakistan, led by Lt. Col Naveed Alam (Director, - National Authority) followed by Lt. Col (R) Shahabuddin (Advisor - National Authority), Mr. Muhammad Afzal (Assistant Manager - National Authority), Mr. Muhammad Khalid (APS - National Authority), Mr. Mudussar Lodhi (Technical Expert - National Authority) and; Brig. Hamid (Technical Expert -National Authority) conducted a liaison/facilitation visit to Lotte Chemical Pakistan Ltd Plant Site from 02-08 March 2023 with an aim to keep LCPL abreast with the responsibilities/obligations under CWC. Both the teams of the OPCW Hague office- Netherland & CWC National Authority (Ministry of Foreign Affairs) Pakistan were very warmly welcomed at Lotte Chemical Pakistan Ltd plant site by Mr. Tariq N Virk (Director Manufacturing), Mr. Raja Waheed Ullah Khan (Director Admin, HR & IT), Adnan Ul Haque (General Manager-Operations), Syed Qamar Alam (General Manager-Works), Sohail Abbas (HSE Technical and Training Manager), Sikandar Khan (Plant Manager-Purification), Maj (R) Muhammad Hassan Qureshi (Manager General Affairs and Security), and Shuaib Iqbal (Assistant Manager-QHSE).

The OPCW Hague – Netherland and CWC National Authority teams was fully briefed about the management systems and practices, manufacturing processes and site security systems implemented at LCPL. The teams visited plant areas as well and demonstrated their satisfaction with the systems implemented for the manufacturing of PTA at LCPL.

Passing the Torch

Sheheryar Zia Siddiqui

Anwar Hayat, a highly accomplished individual, recently concluded his illustrious career after more than 24 years of dedicated service. He began his journey with LCPL when the plant was commissioned in 1997-98, assuming the role of a DCS Boardman. Throughout his extensive tenure, Mr. Anwar Hayat exhibited an unwavering commitment to his work, consistently striving for excellence in every task. His passion for his profession shone through his enthusiastic approach, meticulous attention to detail, and continuous pursuit of improvement. With his extensive experience and profound understanding of the plant's operations, he became an invaluable asset, sought after for his valuable advice and guidance. Notably, Mr. Anwar Hayat also dedicated himself to training and developing future engineers, DCS boardmen, and plant operators, leaving an indelible mark on their professional journeys.

While Mr. Anwar Hayat's legacy can never be replaced or forgotten, the pure plant management team was prepared to address this inevitable transition. Sohaib Ali Khan, who joined LCPL as an apprentice in 2013, has completed his training and currently serves as an independent DCS Boardman, stepping into the role once occupied by Mr. Anwar Hayat. This torch passing represents the transmission of wisdom and passion to a new generation, ensuring the continuity of exceptional performance and dedication.

Improving Reliability – One Upgrade at a Time

Abdullah Bin Azhar

The Instrument Air Dryer sets in the Utilities plant perform the critical operation discreetly on a predefined cycle every 3 minutes. They are the lifeline of plant operation when it comes to reliable actuation and control. Its own control system was a proprietary unit consisting of specialized solenoids and display unit which had become obsolete over the years.

As OEM support was no longer available in Pakistan, Instrumentation team steered by Nadeem Bhatti (Engineer Instrumentation) took the initiative to upgrade the controllers of these Dryers. A plan was developed to replace the controller cabinet with hot work being done during plant outage. The commissioning had to be done with a great eye for detail by verifying each and every valve operation at the exact instant of the sequence. The project was made successful by the team's creative members, Mashhood Adil (Junior Engineer Instrumentation) and M. Awais (Instrument Technician) who tackled all the teething issues quickly, and ensured that the dryer would operate every minute reliably, 365 days a year.

CBA Agreement

Ahmed A Abedi

Wage settlement for the year 2023 - 2024 between LCPL Workers' Union and the Lotte Chemical Pakistan Ltd. Management was amicably concluded against Workers' Charter of Demands. The impact of settlement will be positive on the overall environment and contribute in reinforcing the relationship between non-management and management staff.

TPM Autonomous Maintenance Audit

Taimour Hasnain

TPM Autonomous Maintenance (AM) has become an indispensable program in modern day industries. The methodology strives to minimize losses and maximize the effectiveness of equipment through collaborative team activities aimed at maintaining the plant and equipment in good condition.

To evaluate the performance of TPM Small Group Teams (SGTs) during 2022, field evaluation audit was carried out with audit committee on 18 January 2023. The committee comprises of Manufacturing HoDs, Section Heads and Plant Managers. The purpose is to judge how well the teams have maintained the upkeep of their respective plant areas and how well the TPM standardization techniques are used. The audit is followed by evaluation of other facets of TPM AM implementation, based on which teams are graded and rewarded accordingly.

TPM Winners Trip to Dubai

Abdullah Bin Azhar

When the TPM winners of the year 2022 were announced, it was an unreal feeling for us, the members of SGT Inst-2. Filled with a buoyant sense of accomplishment, but confronted by the ever terrifying challenge of international economics and bureaucratic hurdles. The team did what they were best at: charted, optimized and executed the task together!

We landed on a breezy evening in the first week of June at the Dubai airport. Switching between inter-terminal trains to the Dubai metro red and green lines, we reached our hotel near Abu Baker Al Siddique Metro Station, our home for the next 4 days. The next morning, awaken by the sounds of airplanes taking off, the team feasted on a hearty breakfast and reached well in time at the Jumeirah Mosque for Friday prayers. Following that, we remained on-the-go, stopping at Jumeirah public beach, Burj Al Arab, and JBR. From there, we boarded the scenic Palm Monorail to The Pointe which lies at the tip of the legendary palm shaped island. Hours flew by as the team enjoyed the beautiful view of the Atlantis and waves of the clear blue ocean.

Shocked by how quickly the clock had turned, we hurried back to the tram station and changed over to the metro line to catch the Dhow cruise in the Dubai canal. By the time we reached the pier, the booked boat had already left. The passion of the team remained unraveled, they quickly identified the next boat that was about to sail, and negotiated a last minute hop onto the cruise. The cruise offered a unique combination of Tanoura dance show, horse costume show and moving view of the glimmering Dubai skyline.

On Saturday, the team visited Dubai Mall followed by lunch at Al-Baik with a notable LCPL alumnus. The team took a walk around the Dubai Aquarium witnessing the amazing underwater life. Rest of the day was spent exploring malls, electronics shops and search for Pakistani cuisine. Sunday was the day of the most-awaited Desert Safari. The beauty and greatness of the desert was experienced standing on the top of sand hills watching the sunset; its thrill was experienced in the dune bashing and quad-bike revving. After enjoying dinner, dance and fire show at the desert camp, we sped off from the middle of nowhere; just in time to see the breathtaking fountain show on the backdrop of Burj Khalifa.

On the last day of the tour, we bid farewell to the hotel staff and proceeded for shopping in the variety of shops nearby. We had lunch at the airport lobby, contemplating life while looking at the landing and flying aircrafts, and then boarded the plane to Karachi, looking forward be welcomed by our families. The trip will be remembered as one of the outstanding TPM events and life changing journeys by the whole team.

Knowing the unknown – Condition Monitoring

Ahmed Riaz Rana

Condition monitoring is vital for timely fault diagnosis to prevent catastrophic failures. It requires round the clock data evaluation and analysis to ensure plant is up and running. Among different aspects of this program, vibration analysis plays a pivotal role in determining the health of rotary equipment.

Vibration Analysis at our plant was being performed by SKF Micrologs CMXA70 and SKF Aptitude Analyst Version 5.0 (CMSW7400). Both the hardware and its software counterpart were procured back in 2009. However, they have become obsolete long time ago resulting in discontinuation of backup support services from SKF. This posed a serious risk as in the event of a software malfunction a lot of valuable data may be lost disrupting the condition monitoring process. It was therefore decided to procure latest Micrologs and the subsequent software.

In this regard, technical discussion with multiple vendors was carried out and the latest hardware was selected but the software bit was a tricky one because it was necessary to generate backup of our existing data without any compromise on the quality, and to re-instate it in the new database. In this regard, LCPL Mechanical Reliability and IT team members held several video conference sessions with the global representatives of SKF. After detailed analysis, new Micrologs (CMXA80) was procured and brought into routine operation and the existing software was upgraded to latest version after effective negotiations and correspondences.

With this new system, we will not only remain up to date with the latest technological advancements, but it will also assist in improved data collection, fast transfer rates, quick functionality response, and multi users interface, both, on-site and remote. This will pave the path for new horizons of condition monitoring which will flourish the proactive maintenance approaches, and aim to minimize the unplanned downtime.

Efficiency Unleashed: Catalyst Replacement Activity with Minimal Hours

Shahzil Rehman

The Purification Plant's core component, the Pure Reactor, plays a vital role in the removal of impurities from Crude Terephthalic Acid (CTA) through hydrogenation reaction. This reaction occurs in the presence of a catalyst composed of Palladium embedded on activated charcoal. Due to deactivation over time, the catalyst requires replacement every two years. The replacement process demands extreme care to prevent any damage to the sensitive catalyst.

The scheduled catalyst replacement was planned for shutdown. In adherence to the established protocols, the operations team of the Purification Plant aimed to set a new benchmark time for this task. Typically, this activity takes almost 5 days from unloading of old batch to loading of new batch. However, through sheer dedication of the Purification Operations and Bagging team, the catalyst replacement was successfully accomplished in less than four days, all while maintaining full compliance with safety protocols

TPM Runner up Team - Trip to Skardu

Ahmed Riaz Rana

The team SGT Mech-II, having secured the second position in TPM was rewarded with a 7 day tour of the majestic city. Although the recognition is a reward in itself, but the TPM department never ceases to amaze the winning team with their wonderful trips.

The week-long journey began with the flight from Karachi to Islamabad, before heading to Chillas for the night stay. The next day, our adventure continued as we made our way from Chillas to Lower Kachura Lake. Although the travel was long, it was exciting as we witnessed the breathtaking Nanga Parbat View Point, one of the world's highest peaks, and enjoyed the panoramic views at Junction Point and Astak Waterfall. The following day, our journey continued to Basho Valley, where we marveled at the untouched beauty of the region and interacted with the friendly locals.

Next in our bucket list was the Soq Valley AKA The Hidden Paradise of Skardu, as it houses beautiful river originating from Deosai National Park. It soothes one's soul by just standing at the river bank. This was followed by a boat ride at the Upper Kachura Lake while enjoying the majestic and picturesque views to the fullest.

For the love of history, the next stop was the exploration of the Shigar Fort in the enchanting Shigar Valley, and then we embarked on an exciting jeep safari in the Sarfaranga Desert. The members of the team, who were determined not to let ay opportunities slip by, decided to embrace an extra dose of adventure during our desert escapade by indulging in the exhilarating activity of paragliding.

Leaving behind the charming beauty of Skardu, the team headed back to Islamabad but the fun did not end yet, as we embarked towards our last destination which was the renowned Monal Restaurant, known for its breathtaking location and fine dining.

The memories we made, the spectacular sights we saw, and the flavors we tasted will forever remain in our hearts. Exploring new places and overcoming challenges together strengthened our bond and fostered a sense of teamwork among us. The informal and relaxed atmosphere allowed for deeper personal connections among colleagues, leading to improved communication, increased trust, and better collaboration.

Focus on the Solution, not the Problem

Arsalan Ahmed

Continuous improvement of processes is part of our objectives which encourages us to look into the areas which cause operational issues for the team This time around; we were facing an issue of auto startup of Secondary Vent Fan for Generator with primary one during rainy season. Cogen team brainstormed regarding this frequently appearing issue and diagnosed the problem to be linked with pressure differential sensing line, which was becoming problematic due to stagnant rain water buildup. During the rain, when water droplets would accumulate on the sensing line point of pressure differential, the secondary generator vent fan would automatically activate.

Arsalan Ahmed (SM Cogen) proposed a design on the sensing point of pressure differential transmitter which stopped the water build up on the sensing line tip, thus preventing the Generator Vent Fan (GVF) auto cut-in and the nuisance was avoided. Had this issue not been addressed through the modification, it could have had a great impact on reliability of fans, and the belts which are connecting its motor and

fan. This idea made Generator Vent Fans operation smooth with greater reliability.

Well done LAB!

Wali Ahsan

The laboratory team has played a vital role in reducing the opportunity loss in PTA production by addressing frequent disruptions in product quality (MPR). Initially, the analysis of the PTA product quality parameter (MPR) was conducted every four hours after the formation of each product batch. However, due to the unpredictable variations in PTA quality, it was decided to analyse the MPR on an hourly basis. This change allowed for timely identification of potential product quality issues and facilitated the prompt switching of Batch Tanks to prevent complete off-spec batches. Once the quality improved, the Batch Tank changeovers were also carried out in a timely manner. The lab staff demonstrated remarkable dedication by accommodating this additional workload alongside their regular shift analysis. As a result of their concerted efforts, the lab team successfully saved PTA opportunity loss, contributing significantly to meeting the monthly SOP target.

During the period of MPR quality upsets, the lab team analysed approximately 5,200 samples over the course of seven months, compared to the previous frequency of 2,300 samples per year. Furthermore, to ensure customer satisfaction, the lab team incorporated additional sampling for bagging and container analysis in addition to the MPR analysis. Laboratory team is highly appreciated for their contributions and extraordinary efforts.

A Critical Defect Fixed Promptly

Taimoor Aijaz

Oxidation team keeps exhibiting its strong commitment towards sustained plant operation through exemplary work. On the night of 23 May, one of the block valves on the Process Air lines to Oxidation Reactor closed abruptly, resulting in significant disturbance in the core reaction. Immediate response was given by the operating team led by Liaqat Khan, AM Process who identified the problem within moments from the Control Room Board. He then promptly communicated the problem to area team; swift support was provided by Sheraz Ali, Sub-Engineer Instrumentation II who rushed to the location and helped diagnose the exact cause of valve closure.

The effort of the team was fruitful because area members: Muhammad Usman, Syed Jawwad, Imran Ali and Muhammad Wassay noticed that an electrical supply wire going into that valve was broken. Moreover, the team was able to repair the wire through adjustments which rectified the fault and Reactor Air valve became functional again.

This problem was promptly fixed because all the team members came to support on a singular understanding that our objective is common, that is. smooth and trouble-free plant operations.

Fostering a Culture of Learning

Shuaib Iqbal

``Investment in training has incredible returns. Not only does training support in developing the skills, but it also shows employees that they are valuable.``

A total of 48 training sessions were conducted by 43 in-house trainers thru the Internal Faculty Recognition Program (IFRP) in H1 of 2023. One thousand ninety-nine participants attended these sessions.

Special thanks is owed to Tariq N. Virk (Director Manufacturing), Raja Waheed U Khan (Director Admin. HR and IT), Syed Qamar Alam (General Manager -Works), Adnan Ul-Haque (General Manager-Operations), Kamran Saeed Khan (Engineering Manager). Irfan Ahmed (Deputy Engineering Manager), Shahzad Ibrahim Ansari (Production Manager, Asad Ahmed Khan (Technical Manager), and Tariq Mahmood (HR and IT Manager) for the tremendous support in completing this task.

No	Training Title	Facilitator
1	Aspen Process Explorer IP-21	Taimoor Aijaz
2	M1-1603 PLC up-gradation	Asad Hayat
3	Understanding PTW System (Practical aspects)	Sajid Shafique
4	Positive Displacement (PD) Compressors	Muhammad Irfan
5	Centrifuge Operation and Troubleshooting + ICs understandings	Abdul Moiz
6	Significance of Proper & Effective Sampling	Waqas Hameed
7	BASF Catalyst Batch Performance	Aizaz Hussain
8	Hazards in Routine Activities like draining, deblocking etc	Jahanzaib Ali
9	Total power failures scenario and team actions along with power networking	Muhammad Shahid
10	AETP ,backlog project philosophy	Sammar Mazhar
11	Cooling tower failure causes and action taken for rehabilitation	Yasir Ahmed Shaikh
12	AAFO project	Yasir Ahmed Shaikh
13	Power Network Training	M. Sohail Akram
14	Working of GTG LEL Sensors.	Arsalan Ahmed
15	Water Chemistry especially for G / Boilers	M. Farhan Sagheer
16	Plant General Instrumentation	Faizan ul haque/Umair Aleem
17	SUSA Auditing	Shuaib Iqbal
18	Permit to Work System (PTW System for PTW Issuers)	Shuaib Iqbal
19	Permit to Work System (PTW System for PTW Acceptor)	Shuaib Iqbal
20	Production Efficiencies (1 session)	Syed Ahsan Imam
21	Production Efficiencies (2 session)	Syed Ahsan Imam
22	HSE &S Awareness Session	Shuaib Iqbal
23	Intermediate & Advanced Excel	Syed Ahsan Imam
24	Aspen Engineering Suite Products	Wali Ahsan
25	TPM Refresher Training - (1 session)	Sumayyah Waheed
26	TPM Refresher Training - (2 session)	Sumayyah Waheed
27	Introduction & Awareness on HCL Notes	Amir Anwer
28	Introduction & Awareness on Maximo	Arif Hussain
29	Condition Based Equipment Monitoring	Ahmed Riaz Rana
30	AETP Logics & Control Systems	Muhammad Noman Khan/ Abdullah Bin Azhar
31	Introduction to System-1 (Session-1)	Mehmood Ul Hassan / Junaid Hamid
32	System -1 Awareness for Plant Operators and Engineers(Session 2)	Mehmood Ul Hassan / Junaid Hamid
33	Contract Manpower Management	Raja Abdullah Khan
34	Plant Start-up	Noor Nabi / Sikandar Khan
35	Operational Excellence	Muhammad Sajid Khan/ Wali Ahsan
36	Online Training - Lifting Equipment	Ali Ahmed Khan

No	Training Title	Facilitator
37	Introduction to API - 510	Abdullah Ansari
38	Review of Plant Protection settings against false tripping of RMU	Amir Azam
39	Anaerobic Plant Electrical System	Fahad Bin Shakil
40	Plant Protection Relays	Anamta Farroqui
41	ACB Replacement Job at RWPS	Jonathan Vegas
42	GTG Excitation System and Control	Imranullah Khan
43	SFC and MCP	Abid Qayyum
44	Basics of Oil Analysis	Ahmed Riaz Rana
45	Refresher Session on Management of Change	Mehmood Ul Hassan
46	Overhaul Preparation and Planning	Raja Abdullah Khan
47	Plant Electrical Network	M. Ahmedullah
48	ROVACs Operation and Trouble shooting	Umair Ahmed Bhatti

Training Session on BN3500 Vibration Monitoring System was conducted by Mr. Syed Mahmood Ali (Senior Instrument Engineer) on 11 May 2023 in Technical Training Center.

Smart Ideas bring the best

Hafiz Muhammad Sohail Akram

On 13 October 2022, Karachi was hit by massive power outage due to a failure in National Grid. Back to back voltage and frequency dips caused several critical equipment on plant to trip including Gas Turbine Generator (GTG), leaving behind the plant on complete blackout. The unavailability of power created mayhem on plant, forcing it into a shutdown.

In order to start GTG, Natural Gas Booster Compressor (NGBC) has to be started first, for which an external power source is required. With plant on total blackout and no sign of power being restored H.M Sohail Akram took an initiative of starting the GTG from Natural Gas stored in buffer vessel. Natural gas after being compressed is first collected in Buffer Vessel and then is transported towards GTG. That is why even though NGBC was on shutdown, buffer vessel was pressurized.

The idea was to power up Cogen plant auxiliary drive from Generators via power back feeding and starts the GTG from lining up natural gas from buffer vessel and then starts NGBC from power generated from GTG. There was a chance of tripping of GTG during startup on low Natural Gas pressure therefore detail calculations for its feasibility were done with Technical team before trial. The theory when experimented was found to be successful and not only GTG was started from natural gas stored in buffer vessel but also NGBC was started successfully. After availability of power from Cogen, base plant startup was successfully initiated and remained operational on GTG for approximately next two days as KE network was although energized, it was still unstable. This event has shown us a way of handling power blackout emergency in future as well and it will help us in minimizing production losses and saving plant from major outages and equipment damage.

Level three Leadership: The Care & Growth Model

Rushna Khalil

The Care and Growth Model by Etsko Schuitema, is a powerful framework that emphasizes the need for leaders to genuinely care for the well-being of their employees while also creating an environment that fosters personal and professional growth.

Mr. Shahbaz Ahmed delivered the session of Level three Leadership; the care and growth model on 17 May. Participants gained valuable insights into effective leadership strategies and learned how to foster personal and professional growth within their teams.

Stringent measures to limit unnecessary Power Export to KE

UmerAbid

LCPL has a power sale and purchase agreement with K-Electric, according to which LCPL imports electricity according to its need and exports power to KE as per their demand. In the recent past KE has reduced its demand and has asked LCPL to ensure that no power is transferred to their grid. However power import / export depend on many factors and due to inherent instability in KE network, export is often inevitable. This power export, however nominal, is not cost effective for LCPL as we are bearing the cost of generation in terms of natural gas and other utilities, but not getting returns on power exported to KE.

A landmark achievement of the Cogen team was made in this regard was conducting a PAC test run on 29 April, with zero power export to KE. A thorough plan was designed after detailed discussions between Production Cogen and Oxidation and Technical Teams. The GTG power was gradually increased to match the power requirement of PAC, while ensuring 0MW export to the grid. Shutdown steps were similarly aligned with the sole objective of zero power export. The scenario was implemented and verified during plant start up on 1 May. The contributions of Muhammad Sajid Khan, Noor Nabi, Jawad Amin, Sajid Shafique, Umair Bhatti, Hafiz Muhammad Sohail Akram, Talal Ayaz, UmerAbid, Saad Ghafoor, and Hassan Khalil are worth mentioning in this regard.

Managing Critical Situations with Composure

Arsalan Ahmed

Dealing with emergencies in a process plant can be a chaotic situation, requiring individuals to possess not only a comprehensive understanding of the plant but also the ability to remain calm and composed. The crucial aspect of handling any emergency lies in avoiding panic.

Recently, Cogen plant operations team faced a critical situation when the Instrument Air Compressor (IAC) Cogen became unavailable due to the unavailability of a cooling blower motor. Meanwhile, instrument air was being sourced from the utilities plant. Although the available instrument air was sufficient for use at Cogen plant, but its pressure was slightly lower than the desired value. This presented the risk of potential issues arising from even slight pressure variations. To mitigate this, the GTG inlet air filter house purging was partially throttled to prevent further pressure loss.

In order to address any emergency situation that might have arisen, a temporary blower assembly was arranged for the IAC Cogen, allowing it to be brought into service for a brief period if needed. On three occasions during this period, the IAC at Utilities plant tripped due to frequency variations, causing a significant drop in the instrument air header pressure close to the HRSG's tripping point. In response to these critical scenarios, Cogen operations team demonstrated exceptional efficiency and deserves commendation. They promptly isolated the GTG inlet air filter house purging and swiftly started the IAC Cogen, which remained in service for approximately 5 to 10 minutes till the supplementary IAC UTY normalized the instrument air header pressure, thereby ensuring stability to the system.

Thriving against the odds

Yasir Ahmad Shaikh

In LCPL, Effluent Treatment Plant (ETP) plays a crucial role in processing all process and ensuring its safe disposal. Even during plant shutdowns when process effluent generation stops, ETP remains in operation due to the presence of bacteria in the Deep-shaft Reactor that thrives on effluent Chemical Oxygen Demand (COD). During a recent shutdown, a new strategy had to be designed to ensure ETP remains in operation despite limited effluent storage capacity.

Through extensive planning and collaboration between Production and Technical teams, a solution was devised to bypass Anaerobic Effluent Treatment Plant (AETP) which precedes ETP, in order to increase the COD composition of the feed reaching the ETP. Simultaneously, the effluent flow-rate was gradually reduced to maintain the overall COD load. Thanks to the meticulous planning and efforts of both the Production and Technical teams, ETP remained in operation without any upset. This achievement is a testament to the resilience and dedication of the team in overcoming challenges and ensuring the sustainability of ETP.

Sports Week 2023

Sumayyah Waheed

Lotte Sports and Recreation Club Committee organized Sports Week 2023 from 20 to 24 February. After a long hiatus due to Covid-19, the event was welcomed with a greater zeal by everyone. The event comprised of cricket, table tennis, badminton, and the newest addition of foosball tournaments. As is the norm, all the club members were split into four teams:

1. Eagles – led by Syed Raza Zaidi And Mohammad Shoaib
2. Lions – led by Syed Raza Anis and Muhammad Khaliq
3. Panthers – led by Noor Nabi and Faizan Ul Haq
4. Giants – led by Syed M. Jawad Amin and Imran Ahmed

A portion of the PTA warehouse was transformed into the gaming area for badminton, table tennis, and foosball. Table tennis was played as a singles event while badminton and Foosball as doubles. The knockout matches were played all through the week while semi final and finals were played on Friday followed by an award distribution ceremony.

In the cricket tournament, each team played 3 matches to reach to the finals. The first match of the event, between Giants and Panthers was comfortably won by Panthers, while Lions gained the victory against Eagles in the second match. On day 2, Eagles began their winning streak by defeating Panthers with Syed Aizaz scoring a half century; Giants won the second match of the day against Lions. On third day both Panthers and Eagles won their second victory against Lions and Giants respectively paving their way to the finals.

Fifth day was the day of decisions. With the semi-finals and finals of badminton, foosball, and table tennis and the ultimate cricket face off scheduled on that day, the spirits of the teams and their captains were at an all-time high.

The Table Tennis final was played between Syed Raza Zaidi the skipper of Eagles and Ramiz Ahmed of Lions. It was a tough competition; however Ramiz's experience prevailed as he beat Raza in a brilliant finish maintaining his winning streak in LOTTE's table tennis tournaments.

Foosball final between Gohar Rehman & Irfan Siddiqui of Panthers and Shujaat Ali Khan & Muhammad Ayaz of Eagles was bagged by Gohar & Irfan's team, giving Panthers an edge over other teams.

The final of Badminton, between Talha Khan & Arsalan Ahmed of Panthers and Rameez Ahmed & Mashhood Adil of Lions, was a nerve wrecking, highly charged affair with both the teams displaying epic skill and endurance. After a nail biting competition, Talha and Arsalan were crowned the Badminton champions making Panthers the winner of two out of four games. An exhibition match was also played between Talha Khan and Arsalan Ahmed, the two most exciting players of badminton competition. The match was highly entertaining and kept the crowd completely engaged throughout. Unlike last time, Talha Khan emerged victorious this year. Another special badminton match was arranged for the females of LCPL which was won by Rabia Zahid & Sumayyah Waheed.

The showdown of the week was the cricket finale between Eagles and Panthers. It was a classic clash between skill and passion. Team Eagles, the tournament's favourites, had seasoned campaigners while team Panthers had youthful exuberance. The match was closely competed and in the end Eagles flew high and took home the trophy.

The day closed with the ceremony where awards were given to Table Tennis, Badminton, and Foosball winners and runner ups, Player of the Match for each of the cricket matches, Best Fielder of the tournament, and a special trophy to Panthers' captain Noor Nabi for winning 2 out of 4 games that day. We are thankful to Sports and Recreation Club Committee for organizing such a fun event and giving us a respite from the mundane daily schedules.

Brainstorming Unique Ideas

Muhammad Farhan Sagheer

Cogen water wash is one of the routine activities which are necessary to perform for reliable and prolonged machine operation. However, the cost associated with this activity is quite high due to reliance on K-Electric during the water wash process. By reducing the water wash duration through several modifications, Cogen team has contributed a lot in reducing the variable cost. Recently an idea was put forward by Muhammad Farhan Sagheer, (Shift Manager CoGen) regarding the relocation of non-return valve (NRV) on low pressure (LP) steam header. The LP steam is required during GTG waterwash, however the header, in the vicinity of Cogen used to get depressurized as soon as the GTG was stopped. In order to avoid this pressure loss, an NRV has to be reversed, however as the NRV is located near Ox core pit, it results in loss of precious minutes. The intent of modification was to keep LP steam header pressurized during offline water wash. It will reduce the downtime taken for changing NRV direction. This modification will also allow us to keep the LP steam header pressurized in Cogen area so that LP steam can be made available during the entirety of GTG Water wash or any miscellaneous activity for which LP steam is required.

Hajj Balloting 2023

Ahmed A Abedi

As part of the Company's commitment to providing Hajj to eligible non-management employees, a balloting was held at AAM Block on 31 May. The successful candidates of Hajj balloting were Usama Majeed, Ashiq Ali and Muhammad Awais. Naveed Sheikh was selected as standby candidates for Hajj.

Team Building Retreat – Boot Camp

Rushna Khalil

The Team Building Retreat aimed at fostering collaboration, enhancing leadership skills, and building strong and cohesive teams. Through problem-solving challenges, team-oriented games, conflict resolution, delegation and trust-building exercises, participants developed the essential skills and mindset needed for successful teamwork. This kind of retreat ultimately cultivates a supportive and high-performing work environment, resulting in improved communication, enhanced leadership, and long-term team development. The session was held twice with different teams in January and June 2023.

Eid-Milan Get-together

Ahmed A Abedi

As part of the Eid-ul-Fitr celebrations, all LCPL Staff gathered for the Eid Milan Party on 4 May at Plant Site. Lunch was served for all and some special arrangements were made for shift staff to participate in the celebrations. All employees met each other with joy and enjoyed the tasty food.















Strengthening Industry-Academia Nexus: LCPL's Recruitment Drive at NUST and NEDUET – 2023

Rushna Khalil

LCPL recently conducted a highly anticipated recruitment drive at NUST and NEDUET, targeting ambitious engineers in search of an exciting career opportunity. The information on our robust Trainee Engineer programs, hands-on learning, vigorous training and career progression pathways showcased LCPL as a sought-after employer for aspiring engineers that invests in the long-term development of its employees.

Outshining Transitory Obstacles

Arsalan Ahmed

It had become a chronic issue of GTG that we were facing unavailability of a logical permissive (PS3 pressure) which ultimately restricted Cogen operations team to maximize Electric Power generation of GTG. Issue was repetitive and limited us in export of surplus Power to K-Electric.

Mr. Asghar Ali Soomro (BM Cogen) conclusively came up with an initiative of using Online GTG water wash just before attempting to initiate SPRINT system operation to maximize Power generation. Over past months, this initiative gave us fractional advantage of achieving PS3 permissive which in-turn enabled us to overcome this transitory obstacle each day. Variable cost targets and maximum gain over sale of surplus power to KE were achieved successfully by the aid of this practice.

Ring Main Unit Revamping

Anamta Farooque

Ring Main Unit (RMU) plays a key role in providing electrical power to non-plant areas. This network was established even before plant commissioning. During Plant erection, its primary purpose was to provide electrical power to the distributed load. Afterward, it was retained, and areas like Workshop, TTC, plant temporary supplies etc were connected through this network. The system mainly consists of Transformers, HV and LV cables, and distribution boards commonly referred to as yellow DBs.

After almost 25 years of smooth operation, we have started to see some issues in HV cable earthing, and corrosion and damage of yellow DBs due to constant environmental exposure. The electrical team took up a comprehensive revamping project to improve the condition of these components.

Major jobs executed during the project are:

- 11 kV Cable Replacement of all RMU Transformers
- Insulation of HV & LV cable terminals
- Procurement and replacement of Yellow DBs

The activity was well planned and communicated to all concerned personnel. LCPL Electrical team performed the job with all precautions. The project was completed smoothly despite the challenges while working on a High Voltage (11kV) system. Every action was planned with minimum outage of respective load. The complete replacement activity was executed in the least possible time without any loopholes; this indeed depicts a high level of planning, teamwork, and effort of the Electrical team.

Exemplary vigilance

Saad Abdul Qadir

During the recent power outage on 23 January, in the midst of chaos, a critical situation arose when the motor protection relay of one of the Cooling Water pumps malfunctioned, causing erratic ON and OFF cycles of the pump. With incredible attentiveness, Muhammad Sanwal (AE Process) detected this anomaly within a mere 2-3 seconds and swiftly intervened to prevent prolonged downtime hours. His keen eye and timely response are a testament to his unwavering dedication and expertise. We are fortunate to have such diligent and competent professionals in our entire Utilities team.

Team Iftar

Umair Bhatti

As professionals, it is important to remember that our relationships with our colleagues go beyond just the workplace.

During planned plant outage, Noor Nabi (Plant Manager Oxidation) planned an Iftar dinner with the team.

This event provides an opportunity to build trust, strengthen relationships, and improve communication in a relaxed setting. It gives employees the chance to engage with one another on a personal level, leading to a greater understanding and appreciation for their colleagues.

Reward Distribution Ceremony

Shuaib Iqbal & Ali Rashid

To appreciate the efforts and hard work of employees, TPM and TTC organized a Reward Distribution Ceremony on 22 February. Mr Tariq Nazeer Virk graced the event as chief guest, accompanied by Mr Adnan ul Haq, and Mr Syed Qamar Alam.

The purpose behind the event was to recognize the efforts of all those employees who displayed motivation at various levels by taking initiatives. Employees were rewarded for their commendable initiatives and contribution under the following schemes during year 2022:

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

TPM SGT final results were also announced at the end of the ceremony. The winning teams are as follows:

- 1st position - SGT Inst- 2 (Muhammad Abdullah Bin Azhar)
- 2nd position - SGT Mech- 2 (Ahmed Riaz Rana)
- 3rd Position - SGT C- 2 (Hafiz M. Sohail Akram / Yasir Ahmed Shiekh)

Certificates were distributed to the three winning teams, and as per the agreed protocol domestic and international trips will be arranged in recognition of their efforts.

Roadmap to Operational Efficiency: Unlocking Peak Performance

Asad Hayat

Operational efficiency always allows organizations to streamline their processes, reduce costs, and deliver best quality product. One critical aspect of operational excellence is the optimization of plant shutdown and declassification duration, ensuring safety and integrity of operations. Oxidation Plant's declassification is a crucial process that ensures the removal of hazardous chemicals or contaminants from equipment, pipelines, and facilities. It is necessary for maintaining a safe working environment and complying with all SOPs & safety standards. Under the guidance of Mohammad Sajid Khan (Plant Manager Cogen), Noor Nabi (Plant Manager Oxidation), and Asad Hayat (Senior Shift Manager) the team embraced the challenge by meticulously analyzing the existing processes and formulating effective strategies to ensure optimal outcomes.

By engaging the entire Operation teams, they gained valuable insights into the current practices and the challenges faced, where one of the key steps was the implementation of a standardized declassification protocol. Additionally, it created an opportunity of up-skilling the professional capabilities particularly of the young members of the team. The combined efforts of the Oxidation team successfully achieved a significant reduction in plant decontamination time down from 36 hours to 32 hours, which not only saved precious production hours but also enhanced operational agility. The shortened declassification time minimized downtime, enabling faster turnaround and improving overall plant efficiency. Moreover, the reduction in declassification time duration positively impacted the company's bottom line.

International Women's Day Celebration

Rushna Khalil

Women's Day celebration at LCPL showcases the organization's dedication to honoring women's achievements, promoting gender equality, and fostering an inclusive work environment. By nurturing a supportive workplace culture, LCPL paves the way for a more equitable future, where women are valued, celebrated, and provided with the tools and opportunities needed to thrive in their professional journeys.

Introduction to Management

Shift Team Engagement

Faizan-Ul-Haque Siddiqui

The making of a great team requires a mutual understanding between its members and should have a sense of reliability in their fellow members. They should not feel any kind of hesitation while consulting with their colleagues about any problem. This requires frequent team-building activities that ensure proper team engagement. For this purpose, Sohail Akram and Saad Ghafoor organized a picnic in which the Co-Gen team actively participated. The picnic was organized at LOTTE beach hut. Several activities were conducted, and overall, it was a wonderful experience for the whole team.

GTG Waterwash - a New Benchmark

Faizan Ul Haque Siddiqui

Process plants tend to avoid any kind of outages as it is a no-profit scenario where plant production comes to a stop. Nevertheless, plants have to be shut down for maintenance activities that ensure smooth operation. Even when the plant is purposefully shut down, the goal is to keep the downtime minimum. LCPL's initiative of operational excellence is quite similar as it says that the goal should be to complete the job efficiently in the minimum possible time without bypassing any SOP or compromising on any safety standard.

GTG water wash activity is a planned outage where the Co-Gen plant is shut down, and the cleaning activity of GTG blades is conducted. This activity requires a normal time frame of 5-6 hours in which not just cleaning blades, but several other jobs are carried out which cannot be done on running plant. Co-Gen team, consisting of Sohail Akram, Saad Ghafoor, Muhammad Yasir, Faizan-ul Haque Siddiqui, Abdul Khaliq, and Tariq Patel showed an exemplary demonstration of operational excellence when they completed the GTG water wash in 4.36 hours which was previously benchmarked at 4.65 hours. On this achievement, the whole team deserves applause, whose efforts saved 0.29 hours of plant downtime.

Process Control Improvement Measures

Bisma Sarfaraz

In any industry, process monitoring and control systems play a vital role in ensuring operational excellence and achieving business objectives. By regulating critical parameters, such as temperature, pressure, flow rates, and levels, industries can optimize quality, efficiency, and safety of operation.

In terms of process control improvement, Stripper Still pot level control logic is among one of the two examples that have been incorporated successfully with a configuration of a new controller where the level can now be controlled automatically. Previously, it had been controlling manually since plant's commissioning using many process parameters which led to inconsistent performance, with high fluctuations in level. Post incorporation, the level is now being effectively controlled without manual intervention.

The second example is the installation of pressure transmitters at the bottom of Off-Gas Dryers with dedicated logic-based DCS alarm system to assist in online surveying of drying, depressurization, regeneration, and re-pressurization cycles. In the past, due to unavailability of real time monitoring, various issues were faced especially in the depressurization cycle that adversely affected the variable cost. With this new system, associated issues can be pro-actively picked and whole survey can be performed online.

These transformative enhancements contribute in continuous improvement, reliability, and safety within the Oxidation plant.

GTG vendor visit

With GTG air intake Donaldson local representatives visited plant site during December 2022 Shutdown.

GTG HPC Blades Cleaning

Muhammad Sajid Khan

The Gas Turbine comprises four major sections, and among them, the High Pressure Compressor (HPC) plays a crucial role in engine performance. The focus on maintaining the optimal and efficient operation of the Gas Turbine Generator (GTG) lies heavily on the cleaning and periodic inspection of the HPC blades. Even the slightest negligence is unacceptable, as it can result in compressor stalling and irreversible damage to the engine internals.

To ensure the good condition of the compressor blades, an offline water wash is performed based on performance reports. However, there comes a point where water washing alone fails to achieve the desired performance recovery, prompting the need for manual cleaning of the GTG HPC blades.

Lately, manual cleaning job of GTG HPC blades was planned and executed successfully. This involved a comprehensive process of disassembling the HPC section, performing maintenance and cleaning tasks, and reassembling the components. All 14 stages of the HPC compressor were meticulously hand cleaned.

The successful completion of this endeavor was made possible through the collaborative efforts of GE, Co-Gen Operations, and Engineering teams; the procedures were executed flawlessly, with zero safety concerns on-site. All participants involved deserve recognition and appreciation for their achievements.

Beyond Ordinary: Exemplifying Excellence in Recycling

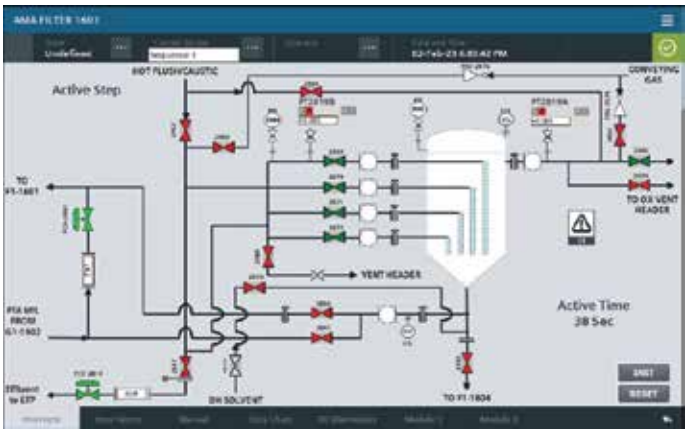
Shahzil Rehman & Aizaz Hussain

The Purification team has consistently encountered challenges when it comes to recycling products. Their primary objective is to prevent the production of off-spec items altogether. However, due to certain unavoidable circumstances, off-spec products may be generated. The team faced a daunting task of recycling a total of almost double the product they recycled last year. Remarkably, they not only achieved this feat but did so within a remarkable time frame of just three months. These numbers clearly demonstrate team's unwavering dedication and passion for achieving exceptional results and commitment to the cause of recycling, and environmental sustainability. By surpassing expectations even during challenging circumstances, bagging team has set a high standard for excellence within the organization.

Mother Liquor Filter HMI Upgrade

Umair Aleem

PTA Mother Liquor Filter is a critical equipment that is linked with CTA variable cost and Paraxylene recovery. The smooth operation of this filter has been the point of concern for the management for quite some time. In order to enhance the filter operation, team Instrumentation took an engineered approach to rewrite filter PLC program with simpler version and upgrade its HMI.



The outcome was truly impressive. The integration of new HMI resolved operational issues that had been causing problems. Troubleshooting has eased out the maintenance and average downtime has been reduced. This upgrade has also resulted in performance improvement and streamlining the filtration process.

The team led by Umair Aleem (Manager Instrumentation (Core & DCS)), M. Asif Farooqui (Engineer Instrumentation (PU & DCS)), M. Ayaz (Junior Engineer Instrumentation), and well supported by Asad Hayat (Senior Shift Manager) and Syed Ahsan Imam (Process Support Manager Ox) has successfully delivered this project.

Farewell of Shuaib Mumtaz Adhami

Farewell of Jamal Haider

Farewell of Ali Ahmed Khan

Farewell of Sajid H. Lodhi

Zohaib Mir, MBA, Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST), Karachi, has joined the Company as Assistant Purchase Manager, with effect from 1st March 2023.

Junaid Hamid, BE-Mechanical Engineering, NED University of Engineering & Technoloyg, Karachi, has joined the Company as Maintenance Manager, with effect from 2nd March 2023.

Rushna Khalil, MBA, Bahria University, Karachi, has joined the Company as HR Manager, with effect from 6th March 2023.

Umer Abid, BE-Chemical Engineering, NED University of Engineering & Technology, Karachi, has joined the Company as Shift Manager, with effect from 13th March 2023.

Arslan Mukaddam, BE-Mechanical Engineering, NED University of Engineering & Technology, Karachi and MBA from Institute of Business Administration (IBA), Karachi, has joined the Company as Project Manager, with effect from 21st March 2023.

Tariq Rehman, Bachelor of Arts, Karachi University, has joined the Company as Administration Officer, with effect from 1st May 2023.

Hammad Zeb, DAE – Mechanical, IVOTEC Institute of Science & Technology, Karachi, has joined the Company as Sub Engineer Mechanical-IV, with effect from 2nd May 2023.

Sheikh Saad Ahmed, BE-Mechanical Engineering, NED University of Engineering & Technology, Karachi, has joined the Company as Assistant Manager Workshop, with effect from 22nd May 2023.

Kamran Khursheed, DAE – Mechanical, YMCA Polytechnic Institute, Karachi, has rejoined the Company as Sub Engineer Mechanical - I, with effect from 12th June 2023.

Long Service Award Recipients

Tariq Mahmood completed 25 years of service on 16th February 2023. He joined the company on 17th February 1998 and is presently working as HR & IT Manager.

Puran Lal Hatwal completed 25 years of service on 8th June 2023. He joined the company on 9th June 1998 and is presently working as Administration Officer.

Gohar Rehman completed 20 years of service on 2nd February 2023. He joined the company on 3rd February 2003 and is presently working as Assistant Engineer Mechanical (Cogen).

Faizanul Haque completed 20 years of service on 18th March 2023. He joined the company on 20th January 2003 and is presently working as Assistant Engineer Process - Pure.

Muhammad Ali Hassan Ayyoubi completed 15 years of service on 28th February 2023. He joined the company on 1st March 2008 and is presently working as Systems Analyst.

Muhammad Sohail Javed completed 15 years of service on 10th April 2023. He joined the company on 11th April 2008 and is presently working as Sub Engineer Mechanical - II.

Syed Abdul Wahab completed 15 years of service on 4th June 2023. He joined the company on 5th June 2008 and is presently working as Sub Engineer Instrumentation - I.

Naveed Ahmed completed 15 years of service on 30th June 2023. He joined the company on 1st July 2008 and is presently working as Assistant Lab Officer - II.

Muhammad Ali completed 10 years of service on 13th March 2023. He joined the company on 14th March 2013 and is presently working as Sub Engineer Process-II.

Muhammad Tariq Nazir completed 10 years of service on 31st March 2023. He joined the company on 1st April 2013 and is presently working as Sub Engineer Mechanical - I.

Syed Raza Anis completed 10 years of service on 31st May 2023. He joined the company on 1st June 2013 and is presently working as Manager Instrumentation.

Shuaib Iqbal completed 10 years of service on 31st May 2023. He joined the company on 1st June 2013 and is presently working as Assistant Manager QHSE.

Syed Sheraz Ali completed 10 years of service on 9th June 2023. He joined the company on 10th June 2013 and is presently working as Sub Engineer Instrumentation - II.

Zubair Ali completed 10 years of service on 10th June 2023. He joined the company on 11th June 2013 and is presently working as Sub Engineer Process - II.

Muhammad Shahid completed 10 years of service on 30th June 2023. He joined the company on 1st July 2013 and is presently working as Shift Manager Utilities.

سی بی اے معاہدہ

احمد اے عابدی

LCPL کی ورکرز یونین اور انتظامیہ کے درمیان ورکرز کے چارٹر آف ڈیمانڈز پر مراعات برائے سال 24-2023 سے متعلق معاہدہ خوش اسلوبی سے طے پایا۔ مذکورہ معاہدے کی بدولت، انتظامی اور غیر انتظامی اسٹاف میں تعلقات کی بہتری اور تعاون کی فضا قائم ہوگی۔ آنے والے وقت میں اس کے مثبت اثرات ظاہر ہونگے۔

17 ملین مین آورز کی تکمیل کا سنگ میل

شعیب اقبال

Lotte کیمیکل پاکستان لمیٹڈ نے 25 مئی 2023 کو اپنے ملازمین کے لیے بغیر کسی حادثے کے 17 ملین محفوظ مین آورز کی تکمیل کا سنگ میل عبور کیا ہے جو کہ HSE&S کی شاندار کارکردگی کا ثبوت ہے۔ چیف ایگزیکٹیو جناب ینگ کم نے پوری ٹیم کو مبارکباد پیش کرتے ہوئے اس عالمی سطح کے اعزاز کو حاصل کرنے پر خوشی کا اظہار کیا اور HSE سے متعلق تمام ملازمین کی بھرپور کوششوں، مثبت سوچ، حفاظتی اصولوں کی تعمیل اور ذمہ داری کو سراہا۔

کمپنی کے ڈائریکٹر مینوفیکچرنگ جناب طارق ورک نے پوری ٹیم کی جانب سے اس غیر معمولی حفاظتی ریکارڈ کے قیام پر ٹیم کی انتھک اور مسلسل کوششوں کو سراہتے ہوئے خوشی کا اظہار کیا، ٹیم ورک اور احساس ذمہ داری کے بغیر 1998 سے آپریشنز کے آغاز سے لے کر آج تک اس ریکارڈ کا قائم رہنا ممکن نہ تھا۔ انہوں نے اپنے ملازمین، کنٹریکٹرز اور وزیٹرز کے لیے LCPL کو ایک محفوظ جگہ بنائے رکھنے پر ہونے والی کوششوں کو جاری رکھنے پر زور دیا اور HSE&S سے متعلق کارکردگی کو غیر معمولی سطح تک پہنچانے کے عزم کا اعادہ کیا۔

HSE&S مینجمنٹ سسٹم کی کامیابی اور عمل درآمد سے متعلق استحکام LCPL کی ٹیم کا شعار، ٹیم ممبرز کی انتھک محنت اور ہر سطح پر حفاظتی سسٹم کو یقینی بنانے کی بدولت ہے۔ انتظامیہ کی جانب سے ہیلتھ، سیفٹی اور انوائرنمنٹ سے متعلق بھرپور توجہ ہی ہمارے معیار اور کارکردگی کو واضح کرتا ہے۔ اس بے مثال سنگ میل کا حصول ہماری ٹیم کے عزم اور HSE&S مینجمنٹ سسٹم کی فعالیت کو یقینی بنائے رکھنے کی تصدیق ہے۔

حفاظتی ماحول کے قیام میں معاون بننے پر، LCPL کے ملازمین کو گفٹ کوپن سے نوازتے ہوئے اس کی اہمیت کو اجاگر کرنے پر زور دیا گیا۔

LCPL کی انتظامیہ اس مایہ ناز سنگ میل حاصل کرنے پر فخر محسوس کرتی ہے اور HSE&S کے شاندار ریکارڈ کو برقرار رکھنے کے لیے پرامید ہے۔

LCPL ٹیم کو مبارکباد

اسپورٹس ویک کا پانچواں دن تمام ٹیموں کے لیے فیصلہ کن دن تھا۔ اس دن بیڈمنٹن اور ٹیبل ٹینس کے سیمی فائنل اور فائنل ہوئے، جس میں ٹیم اور ان کے کپتانوں کا ذوق دید کے قابل تھا اور ہر ایک اپنی کامیابی کا جشن منانے کے لیے بیتاب نظر آیا۔

ٹیبل ٹینس ٹورنامنٹ کا فائنل ایگلز کے کپتان سید رضا زیدی اور لائنز کے قائد رمیز احمد کے درمیان تھا۔ یہ ایک سخت ترین مقابلہ تھا جس میں رمیز نے اپنی تجربہ کاری سے مدمقابل کو ہرا کر Lotte کے ٹیبل ٹینس ٹورنامنٹس میں کامیابی کی روایت برقرار رکھی۔

فوس بال ٹورنامنٹ کے فائنل میں پینتھرز کے گوہر رحمان اور عرفان صدیقی نے ایگلز کے شجاعت علی خان اور محمد ایاز کو شاندار مقابلے کے بعد شکست دے دوچار کیا اور دیگر ٹیموں پر اپنی سبقت برقرار رکھنے میں کامیاب رہے۔

دوسری جانب بیڈمنٹن کے فائنل میں پینتھرز کے طلحہ خان اور ارسلان احمد، لائنز کے رمیز احمد اور مشہود عادل مدمقابل تھے۔ مہارت، ذوق وشوق اور سنسنی خیز مقابلے میں کھلاڑیوں نے اپنے حریفوں کو مات دینے کی کوششوں سے شائقین کی دلچسپی کو برقرار رکھا۔ چنانچہ سخت مقابلے کے بعد، طلحہ اور ارسلان نے بیڈمنٹن چیمپئن کا تاج اپنے سر پر سجاتے ہوئے پینتھرز کی ٹیم کو کامیابی سے ہمکنار کرایا۔ بیڈمنٹن مقابلوں کے سب سے زیادہ مقبول پلیئرز طلحہ خان اور ارسلان احمد کے درمیان ایک نمائشی میچ کا بھی انعقاد کیا گیا۔ میچ بہت شاندار اور سنسنی سے بھرپور ہونے کے ساتھ شائقین کے لیے بھرپور لطف سے مزین رہا جس میں گزشتہ دفعہ کے برخلاف طلحہ خان نے اس بار کامیابی حاصل کی۔ علاوہ ازیں، ایک خصوصی بیڈمنٹن میچ خواتین کے درمیان بھی کھیلا گیا جس میں رابعہ زاہد اور سمیہ وحید نے کامیابی حاصل کی۔

مذکورہ اسپورٹس ویک کا اختتامی پروگرام پینتھرز اور ایگلز کے درمیان ہونے والا کرکٹ کا فائنل میچ تھا جس میں شوق ذوق اور لگن دید کے قابل تھی۔ ٹورنامنٹ کے فیورٹ ایگلز ٹیم میں تجربہ کار کھلاڑی جبکہ پینتھرز کی ٹیم میں زیادہ تر نوجوان کھلاڑی شامل تھے۔ کرکٹ کے اس شاندار مقابلے میں ایگلز کی ٹیم مایہ ناز کھیل کی بدولت فائنل جیت کر چیمپئن بننے میں کامیاب رہی۔

اسپورٹس ویک کے اختتامی دن، تقریب تقسیم انعامات کا انعقاد کیا گیا جس میں ٹیبل ٹینس، بیڈمنٹن، فوس بال میچز کے فائنل جیتنے والے اور رنر اپس کو بھی انعامات سے نوازا گیا جبکہ کرکٹ کے ہر میچ میں مین آف دی میچ، بیسٹ فیلڈر آف ٹورنامنٹ کے لیے انعامات، اور پینتھرز کے کپتان نور نبی کو چار میں سے دو میچز جیتنے پر خصوصی ٹرافی سے نوازا گیا۔ آخر میں ہم اسپورٹس ویک جیسے پروگرام منعقد کرتے رہنے پر اسپورٹس اینڈ ریکریئیشن کلب کمیٹی کا شکریہ ادا کرتے ہیں۔

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اسپورٹس ویک

سمیہ وحید

Lotte اسپورٹس اینڈ ریکریئیشن کلب کمیٹی نے 20 تا 24 فروری 2023 کو اسپورٹس ویک کا انعقاد کیا۔ کرونا کے باعث طویل مدت کے بعد ہونے والے کھیلوں کے پروگرام کو بڑے شوق وذوق کے ساتھ خوش آمدید کیا گیا۔ اس ویک میں کرکٹ، ٹیبل ٹینس، بیڈمنٹن، فوس بال ٹورنامنٹس کا انعقاد کیا گیا۔ روایات کے عین مطابق تمام کلب ممبران کو چار ٹیموں میں تقسیم کیا گیا تھا۔

1۔ ایگلز، سید رضا زیدی اور محمد شعیب قیادت کر رہے تھے۔

2۔ لائنز، سید رضا انیس ور محمد خالق اس ٹیم کے قائد تھے۔

3۔ پینتھرز، نور نبی اور فیضان الحق کی قیادت میں یہ ٹیم میدان میں اتری۔

4۔ جائنٹس، سید محمد جواد امین اور عمران احمد اس ٹیم کی قیادت کر رہے تھے۔

پی ٹی اے ویئر ہاؤس کا ایک حصہ بیڈمنٹن، ٹیبل ٹینس اور فوس بال کے لیے گیمنگ ایریا میں تبدیل کیا گیا تھا۔ ٹیبل ٹینس سنگلز کے طور پر جبکہ بیڈمنٹن اور فوس بال ڈبلز کے انداز میں کھیلے گئے۔ ہفتہ بھر ناک آؤٹ میچز کا انعقاد رہا جبکہ جمعہ کے دن سیمی فائنل اور فائنل کے ساتھ تقسیم انعامات کی تقریب بھی منعقد کی گئی۔

کرکٹ ٹورنامنٹ کے فائنل میں پہنچنے کے لیے ہر ٹیم نے تین تین میچز کھیلے۔ ٹورنامنٹ کے پہلے میچ میں جائنٹس اور پینتھرز مدمقابل ہوئے جس میں پینتھرز نے ایک آسان جیت اپنے نام کی جبکہ دوسرے میچ میں لائنز نے ایگلز کو ہرا دیا۔ ٹورنامنٹ کے دوسرے دن ایگلز نے پینتھرز کے خلاف بہترین کارکردگی کے ساتھ سید اعزاز کی نصف سینچری کی بدولت کامیابی اپنے نام کی، دوسری جانب جائنٹس نے لائنز کے خلاف ہونے والا میچ جیت کر پوائنٹس ٹیبل پر اپنی پوزیشن مستحکم کی۔ اس ویک کے تیسرے روز پینتھرز اور ایگلز نے لائنز اور جائنٹس کے خلاف اپنے میچز جیت کر فائنل کے لیے کوالیفائی کیا۔

LOTTE CHEMICAL PAKISTAN LTD

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