

# connect



**LCPL team delivers highest  
ever yearly production**

## 18th Annual Environmental Excellence Award 2021 for LCPL

Shuaib Iqbal

LCPL was awarded with the 18th Annual Environmental Excellence Award 2021 on 16 September 2021 organized by the National Forum for Environment & Health (NFEH). The evaluation was carried out by an independent panel of NFEH governing body. Mr. Sohail Abbas (HSE & Technical Training Manager) received this prestigious award on behalf of LCPL in a ceremony held at Beach Luxury Hotel in Karachi. Mr. Syed Nasir Hussain Shah (Provincial Minister of Sindh for Local Governments) was the

Chief Guest of the ceremony.

Being an ISO 14001 organization, protecting the environment and preserving natural resources has always remained a top priority for LCPL under HS&E challenge programs. Lowering environmental burdens, reducing gaseous emissions, recycling the solid wastes, conservation of natural resources, conservation of flora and ECO system management are LCPL's ongoing objectives.



### Editorial

Dear Readers,

2022 has brought a new challenge with it in form of Omicron variant. LCPL, as an organisation, has always given priority to health and safety of its employees, and we will be through these tough time by strictly following the best practices for virus prevention and getting our recommended vaccination and booster doses.

This issue covers the story of success and recognition of team LCPL in these difficult times: We achieved highest ever production number in 2021; also reached 16 million safe manhours for our employees; and won

many safety and CSR related awards that we are really proud of. All these and many more tales can be found in this issue of Connect.

We hope that you and your loved ones are staying safe and healthy. Heartfelt thanks to all the contributors for this edition. We are always open to your feedback for improvement of future editions.

Let's still not forget to wear the mask!

- Sumayyah Waheed



## Completion of 16 Million Man-hours

Shuaib Iqbal

Lotte Chemical Pakistan Ltd. has achieved another millstone in HSE&S Performance by completing 16 million safe manhours without any Lost Time Case (LTC) for its employees on 26 July 2021.

Mr. Humair Ijaz (Chief Executive) congratulated the LCPL team & appreciated the efforts and valuable contribution of all the employees in achieving this world-class benchmark through their continuous commitment, positive attitude, and strict adherence to safety rules.

Mr. Tariq N. Virk (Director Manufacturing) appreciated the exceptional safety record set by LCPL team and emphasized that this milestone could not have been achieved without exceptional team work and responsibility shown by each and every person working on site since the start of operations in 1998. He stressed on

continued efforts in making LCPL a safe working place for employees, contractors, and visitors alike and to raise HSE&S performance to the next level of excellence.

The continued success of HSE&S Management system and its implementation is an indication of LCPL teams dedication and commitment of team members who ardently work at all levels ensuring the safe system of work performance. The strong focus of the management on Health, Safety and Environment defines our standards and success criteria. This remarkable achievement is a confirmation of the effectiveness of our HSE&S Management System and our team's commitment towards safety.

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

## Combined Radiation Emergency Drill by LCPL & PNRA

Shuaib Iqbal

HSE& Technical Training department conducted a combined Radiation Emergency drill with Pakistan Nuclear Regulatory Authority (PNRA) RNSD-III Karachi team at LCPL plant site on 14 December 2021 with objective to ensure the compliance of regulatory requirements. This coordinated exercise was done first time at LCPL.

The objective of the drill was:

- To monitor the actions of Emergency Response Team (ERT), Security Team, Medical Team, Senior Shift Manager, Shift Manager, RPO, DCS Boardman and Area Operator.
- To observe awareness and response of the workforce during radiation emergency.
- To monitor the response and support of PNRA team for successful emergency handling
- To identify the areas of improvements.

The Pakistan Nuclear Regulatory Authority (PNRA) officials including Mr. Akhlaq H. Mirani (Principal Engineer -PNRA), Mr. Asad Mahmood (Principal Engineer - PNRA) & Mrs. Sanum Hajra (Scientific Engineer - PNRA) participated in the drill along with their team.

The drill was supervised by Mr. Shuaib Iqbal (Radiation Protection Officer - LCPL), facilitated by Mr. Taimoor Ijaz (Shift Manager - Purification), Mr. Jahanzaib Ali (Shift Manager - Purification) & Mr. Syed Aizaz Hussain Rizvi (Shift Manager - Purification) well coordinated by the Medical and Security team and assisted by Mr. Hamid Shafi (Assistant Manager Process - Pure), Mr. Sohaib Ali Khan (Plant Operator - Pure) & Mr. Abdul Jabbar Malik (Assistant Engineer Process-Pure).

The PNRA team appreciated the emergency response arrangements & procedures implemented at LCPL site for handling of any Radiation Emergency.

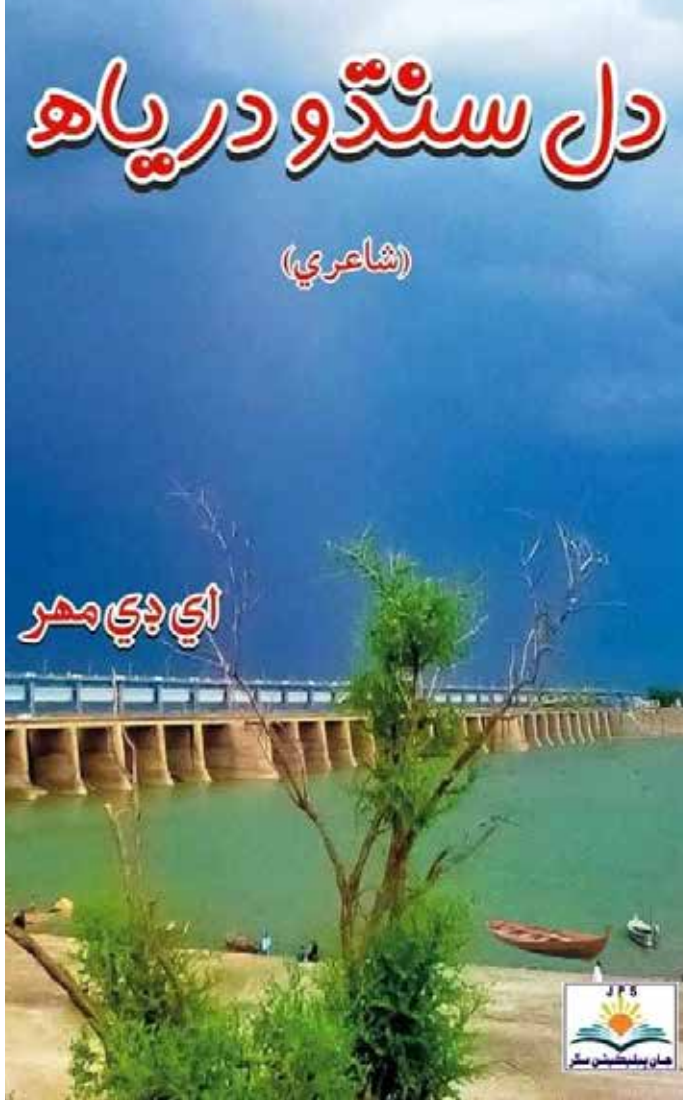


## Live Your Passion

Arsalan Ahmed

Allah Dino Mahar (AM Process Purification Plant) published a collection of his poetry in Sindhi on the beauty of Sindh. His book encompasses the attractiveness of the province with a bitter touch of love and betrayal. He has described the lifestyle of common people and has tried to communicate their sprouts in a melodious way. A number of singers have also used his poetry as a promotional initiative.

A few verses with their empirical translation from his book "Indus River is my Heart":



اکڙين جا ڪل خواب اٿورا رهجي ويا  
سارا حق حساب اٿورا رهجي ويا

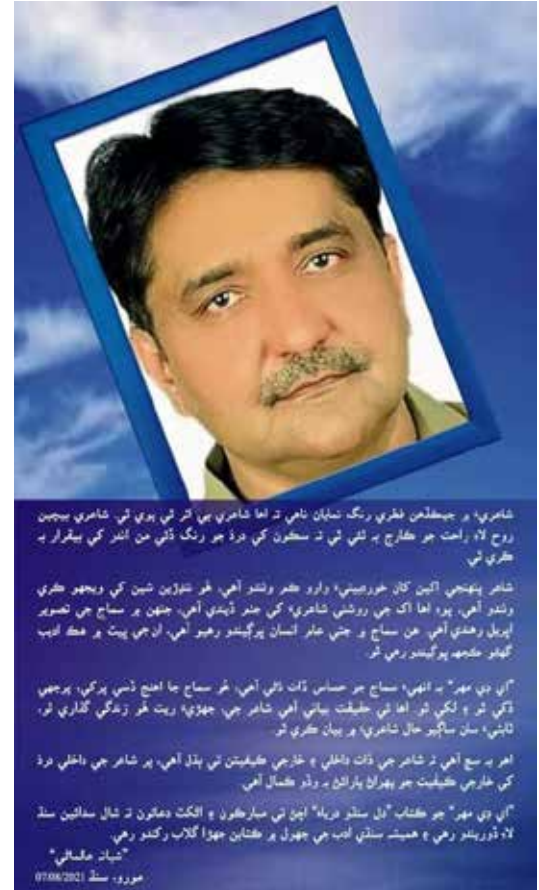
Every dream of mine went unfinished  
Every just design went unfinished

منهنجا سڀ سوال سلامت آهن پر  
منهنجا سڀ جواب اٿورا رهجي ويا

Every question of mine stands as is  
Every answer of mine went unfinished

تنهنجي هٿن تائين پهچي ڪين سگهيا  
ڪيئي گل گلاب اٿورا رهجي ويا

Those which could not reach your hands  
Every blossom of rose went unfinished



## Exceptional Teamwork

Asad Hayat

On 5 September, GTG tripped on power supply fault resulting in the tripping of both incoming lines from KE and rendering Oxidation plant on hold while Purification plant on emergency flush. LCPL production team showed exceptional composure and teamwork, bringing the plant back to normal in minimum possible time.

Within 4 minutes of failure, complete power was

restored; tripped drives were taken in service and normalized. Oxidation plant was restarted within one and a half hours and ramped on full production load within 3 hours of emergency. While Purification plant managed to start production after flush within 4 hours. All of the team members put in their best efforts to handle the emergency professionally as the new production record was on the line.



## Korean Ambassador Visit



*His Excellency Mr Suh Sangpyo, Ambassador of The Republic of Korea, visited our plant site on 30 November 2021*

## HSE Performance Award by NEPRA

Taha Suleman

It was an auspicious occasion for Lotte Chemical Pakistan when Imranullah Khan was awarded the HSE Performance award; this award was presented by the Chairman of National Electric Power Regulatory Authority (NEPRA) at NEPRA Headquarters, Islamabad on 18 November 2021.

Out of 177 power producing units across Pakistan, only 13 were shortlisted on the basis of HSE performance. This award highlights the significance LCPL Electrical team puts into its HSE performance, and is a great honour for Lotte Chemical Pakistan Ltd .



## Instrument Air Dryer Issue – No More

M. Abdullah Hashmi

Cogeneration Instrument Air Dryer (IAD) high dew point issue has been persisting since 2018. A lot of effort was put in to make the dryer available but went in vain.

On 05 July, to put an end to this issue, a team comprising of Abdullah Hashmi SM CoGen, Waqas Hameed SM CoGen, Asghar Ali Soomro (Senior AE Process), and Hasan Khalil (Area Operator) was made to carry out root cause analysis of this issue

anew by analyzing previously unexplored options. Our team brainstormed and re-assessed the entire situation and came up with several effective ideas to resolve the problem. With each corrective action, we started moving closer towards Dryer rectification. Finally, after the replacement of an electronic card, IAD came into normal service. In this regard, support rendered by by Tariq Patel (JE Mechanical) and Abdul Khaliq (AE Instrumentation) is also worth appreciating.



## A Year in TPM

Sumayyah Waheed

We have been able to achieve remarkable results through TPM in 2021. The number of SGTs has doubled from 8 to 16 and now all the members from Manufacturing function are directly involved in TPM activities. Planned Maintenance (PM) was a completely new pillar and the scope of Autonomous Maintenance (AM) has also been widened in this new phase; despite the novelty of the work, TPM team has been able to achieve significant savings and improvement in various areas of plant.

To achieve this success, a closed coordination with all the stake holders was ensured. Quarterly area audits were conducted with Plant Managers to enhance area upkeep; regular sessions were conducted with Plant Managers for AM and Engineering Section Heads for PM where SGT performance was discussed and areas of improvement highlighted; non-plant areas like Workshop, Usable Material Yard, RWPS Lube Oil storage area, and plant HVAC system were also kept in focus; feedback sessions were conducted with PM team leaders to ensure that the implementation of the new pillar is smooth; 6-7 training sessions were conducted to ensure that the teams are well trained.

To achieve the highest number of suggestions both raised and implemented, stringent follow up was



done with signatories. SGTs were also encouraged to come up with ideas for operational improvement and register them in system. Through continuous discussion with Plant Managers and Section Heads, it was ensure that all the initiatives taken at plant are entered in SRS database, and all the implemented modifications are closed out in SRS for reward approval. These efforts have directly translated to the overall improvement in both plant operations and housekeeping.



## Improvement on Vent Stream Condensate Drum

M Taimour Hasnain

Area housekeeping and sustenance is the biggest challenge for TPM related activities. Due to condensation of steam from Boiler Vent Steam Drum, water would often accumulate in the nearby area causing floor damage. TPM team took the initiative and proposed a containment arrangement to resolve the issue permanently. With the help of

workshop team a containment tray along with its proper drain line was designed. installation of this containment has resulted in excellent housekeeping and zero water accumulation in the area in turn, preserving the integrity of the floor and resolving safety concern in form of slipping hazard.

**Before**



**After**



## Visualizing Motion

Ahmed Riaz

The inspection team has always been active in bringing innovation to the inspection practices in line with the evolving technologies and trends being adopted globally. With this spirit, the inspection team introduced Motion Amplification System in their arsenal. It is a video processing technology that detects fine movements and enhances the motion to a level visible to naked eye. This not only allows visualization of complex vibration problems that may not be visible but is also a quick and simple to use technique that can help identify the source of vibration by visualizing complete asset, machine or components using the cameras. By visualizing, quantifying, and relaying structural assets movement, Motion Amplification software provides a window into just how damaging vibrations and improper machinery movement can become.

Assessment of the technique was done by having technical correspondences with Inspectest Team under the supervision of Abdullah Hussain (AM Inspection). Demonstration of the new technology was performed on Pressure Centrifuges and Injection Heater, which are amongst the most critical equipment of plant. The analysis portrayed significant findings and was beneficial to the maintenance team for examining the problem from a different angle. The technique was also used to assess the structural integrity of the cooling towers which will help the maintenance team to effectively plan and execute the replacement of weak members. This will in turn help in saving of both time and cost.



## Taking the Right Decision

Rafay Arafin

Plant Operations team has always shown the ability of prompt decision making and out of the box thinking. One such event was witnessed when Pure Reactor pressure control valve failed on 6 October 2021.

Due to vigilant monitoring, timely decisions and swift implementation by shift team the issue was

immediately picked up and corrective actions were taken which saved bursting disc of Pure Reactor and First Crystallizer. The whole emergency was handled in supervision of Umair Siddiqui and Syed Aizaz Hussain Rizvi (Pure Shift Managers) with team of Hamid Shafi (DCS Operator) and Faisal Rasheed, Sohaib Ali Khan (Area Operators) and M. Ayaz (Instrument Technician).



## In-House Repair of WAPDA 400 V Incomer Breaker

Taha Suleman

A problem was reported at Raw Water Pumping Station (RWPS) 400V WAPDA incomer circuit breaker, resulting in loss of power supply from the utility. Upon checks, it was found out that its shaft spacers were damaged due to ageing.

The faulty breaker has been installed since commissioning due to which its spares and repair services from

the vendor are not available anymore. Electrical team comprising of Abid Qayyum (Engineer Electrical) and Saad Ali Khan (SE Electrical) took the initiative to repair the breaker in house. Damaged spacers on the shaft were replaced by spacers fabricated in workshop. The repair work was carried out and the breaker was immediately taken under normal operation considering the criticality of its function at RWPS power system.





## A Venture well-planned and executed

**Muhammad Noman Khan**

Acetic acid serves as the solvent for Oxidation plant and its unavailability can directly effect CTA production. Since there is only a single primary storage of Acetic Acid, the Pressure Vessel Inspection (PVI) activity of Acetic Acid storage Tank becomes a much complex activity. Performing the PVI this time during normal plant operation was a challenge that Utilities plant team took head on.

This 12 day long activity was started on 5 July under the direct supervision of Muhammad Ismail

(Plant Manager Utilities), supported by Farhan Sagheer and Jahanzaib Ali (Shift Managers Utilities). Before the start of activity temporary lines were used to ensure uninterrupted supply of Acetic Acid to Core plant directly from tankers. Through timely arrangement of material and resources, the activity advanced and concluded within the planned time frame. Efforts of Noman Khan (Trainee SM Utilities) during execution are also worth recognizing.

## Modifications are Necessary

**M Abdullah Hashmi**

LCPL team is always striving towards process enhancement and optimization and modifications are a key element in this area. One such example is the re-routing of the Instrument Air header to the GTG Filter house at the Cogeneration Plant.

During any instrument air failure emergency it is difficult to optimize its consumption as its valve is out of reach. Area member has to climb GTG filter house and isolate its instrument air as it is the maximum

consumer. He then rushes towards the instrument air compressor and HRSG top platform to bypass the valves there. This whole exercise takes significant amount of time and has risks associated with it. Therefore, a modification to re-route the instrument air towards the GTG filter house and bring down isolation valves at ground level was put forward by Abdullah Hashmi (SM Cogen). The mod has been successfully commissioned in September during GTG semiannual outage.



## Training on API-510 Pressure Vessel Inspection

Shahreyar Hassan

A training on API-510 Pressure Vessel Inspection was arranged for the Maintenance and Inspection team on 15 and 16 December. The training was conducted by Mr Basharat Ali of InspecTest Ltd, a leading service provider in the areas of testing and inspection. API-510 standard provides logic and best practices that assist practitioners on how to inspect pressure vessels. The training included Pressure Vessel in-service inspection, rating and repair. The

two-day training not only provide technical insights on examination techniques, and thickness calculations with application of standards, but also provided real world scenarios to improve inspection techniques.

This training was a very good learning opportunity for the team, and will prove to be beneficial in the future.



## Ensuring Reliability through Condition Monitoring

Abdullah Ansari

Condition monitoring of rotary equipment through vibration, sound, and temperature is a Maintenance approach that allows us to predict failures before their occurrence. A rotating machine usually gives warning signs before failing: changes can be observed in vibration levels and pattern; temperature of some parts may increase; sound of the equipment may change. Various technologies are employed to monitor rotating machines to pick up early signs of problems or wear and then the required maintenance is planned before the risk of failure is too high.

Reliability team at LCPL carries out the condition monitoring of rotating equipment through vibration, temperature and sound monitoring. A weekly schedule for vibration monitoring of all the drives is in place. Zia ul Islam and Abdul Latif (Reliability Technicians) collect the vibration data of the drives (motors, gearboxes, pumps etc) daily such that all the drives of Oxidation, Purification, Utilities, and CoGen are covered in a weekly regime. These vibration readings are then uploaded to SKF Aptitude Analyst, the software that maintains the history and helps in analysis of vibration spectrum, and changes in vibration trends. Any abnormality or change in vibration trend is immediately reported to relevant maintenance teams along with the recommendation for rectification. This allows us to run the machine as

long as possible before conducting maintenance activity and reduces the overall cost of maintaining the machine.

Through this condition monitoring, major breakdowns at some of the noteworthy equipment including Filtrate Pumps, Filter Feed Pumps, HP Dissolver Feed pumps and Cooling Tower Fans were prevented in last six months,





## Outstanding Reaction

Talha Nabi Dar

Delivering production 24/7 not only requires the vigilance of Operations personnel but also needs the support of shift Engineering staff to maintain smooth operation. Shift Mechanical Technician has the responsibility for looking after the maintenance related matters for complete plant and hence, needs to be watchful at all times. An exemplary emergency response was provided by Tariq Nazir (SE Mechanical) on 8 November 2021.

CTA Dryer Feed Conveyor amperes started to abnormally increase and then suddenly dropped. Upon checking, Nasir Khan (SE Process) found the conveyor chain to be broken. Shift mechanical technician was called for, who immediately rushed to the location. Under the supervision of Sajid Shafique (Senior Shift Manager), Tariq Nazir had limited time to address the situation. He, therefore, improvised and rectified the damaged chain on-spot. Within a few minutes CTA Dryer train operation was resumed,

saving the plant from going on hold. This prompt response of Tariq Nazir, in an emergency situation, is laudable and successful handling of the situation would not have been possible without the coordinated efforts of Sajid Shafique.

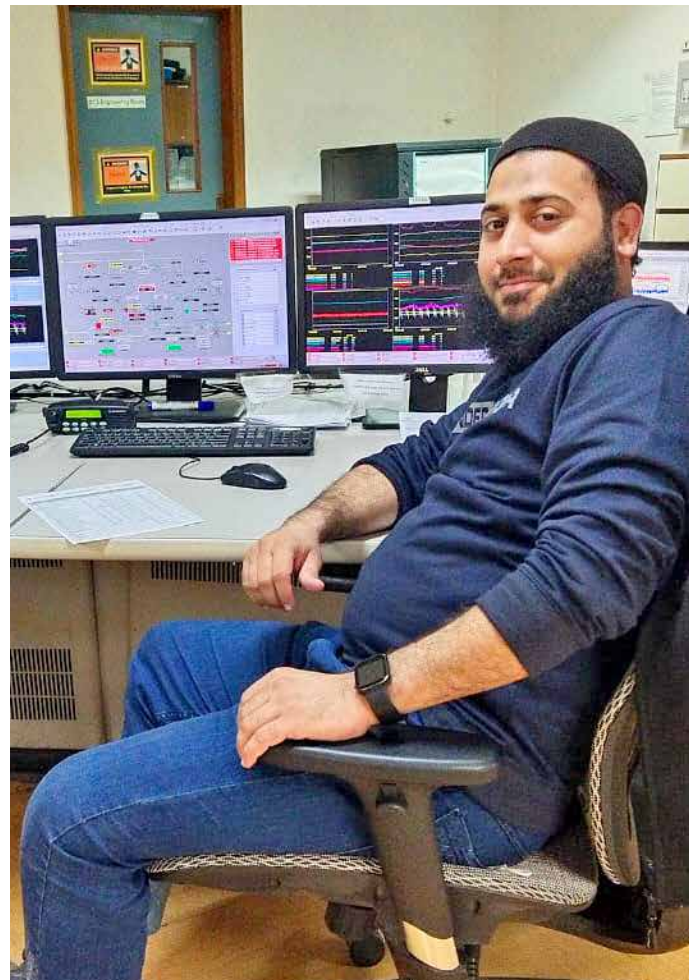


## Technical Training and Development

Rafay Arafin

In the current year 3 Area Operators - Sohaib Ali Khan, Farrukh Shehzad and Hamid Nasir - have completed their cross area training at Purification plant. Also Faizan Ul Haq, who was previously performing

duties as area operator at Oxidation, has now completed his training as Purification Boardman. These trainings not only help one to improve one's skills but also strengthen the team.



## Reward Distribution Ceremony 2021

Taimour Hasnain

To appreciate the efforts and hard work of employees, TPM department organized a Reward Distribution Ceremony on 24 December 2021. Mr. Humair Ijaz graced the event as chief guest.

Employees were rewarded for their commendable initiatives and contribution through the SRS (Suggestion & Reward System) and the results of TPM implementation during 2021 were also announced. The teams winning this year are:



**1) SGT Mechanical-2 (Talha Nabi Dar/Abdullah Hussain) 1st Position (Planned Maintenance)**

**2) SGT C-2 (Yasir Ahmed Shaikh/ M Sohail Akram) 2nd Position (Autonomous Maintenance)**

**3) SGT C-1 (M Irfan / Arsalan Ahmed) 3rd Position (Autonomous Maintenance)**  
**SGT Instrument-1 (Umair Aleem) 3rd Position (Planned Maintenance)**



## Dinner with CBA

Zia Ur Rehman

LCPL has an annual tradition of arranging picnics for unionized staff; however owing to the pandemic and country wide health concern it was not possible to arrange it in 2021. However, our Admin and IR team is

always able to come up with alternate solution. So instead of picnic, group wise dinners were arranged. The non management staff enjoyed this opportunity to connect and appreciated the efforts of the organizers.

## A Fresh Look at Things

Raja Abdullah Khan

The requirement to maximize production is a critical objective for the company, rendering the need to minimize down time of the plant even more important. Lately, to ensure maximum availability of the plant, the duration of Short Shutdowns has been significantly reduced. This has reduced the margin for error for the Planning team. The process to induct manpower has to be as smooth as possible to avoid any unwanted delays in the work to be done.

The whole induction process was reviewed with the security team and the key service providers to discuss the issues we normally face during the induction. Based on the feedback new protocols were decided where processes were simplified, and several activities were decided to be carried out in parallel. These new changes were implemented and tested in the plant outage in August 2021. A significant improvement was observed due to these changes and this has now been made the official protocol for any emergency or shut-down related manpower induction.



## Team Work at Its Best

Syed Aizaz Hussain

Reactor is the integral part of Purification plant; it converts the crude CTA into PTA. Like all pressure vessels, Purification reactor is installed with a Bursting Disc (BD) and a Relief Valve (RV) as a safety against high pressure inside the vessel. On 29 August 2021, during plant startup activities after the short shutdown, a leakage was reported from the BD holder installed at Purification Reactor. With temperatures exceeding 283 degrees C and pressure above 75 barg, hydrogen being one of its constituents, the situation posed a significant operational and safety threat and therefore needed immediate rectification.

Teams from Production and Maintenance sat down and devised a strategy to have the leakage location enclosed in a pressurized clamp through online sealing of the clamp. For this purpose special clamp was fabricated. After undertaking a detailed assessment of hazards involved and developing a job method which would ensure no unforeseen incidents occur, the necessary safety protocols of UFT (Un-familiar Task Assessment) and relevant PTWs were ensured.

It was through the teamwork of Production and Maintenance teams, that plant was kept in operation and the leakage was controlled safely.

## Industrial Visit

Zia Ur Rehman

As a part of Industrial Tour Program, a group of 25 students of Electronics Engineering department from Dawood University of Engineering & Technology, Karachi visited Lotte Chemical Pakistan Limited on 5 October 2021.

Syed Raza Anis (Manager Instrumentation) delivered a presentation over the contribution of Lotte Chemicals Pakistan Limited in the national economy; he also

covered the Engineering and Operational aspects of the LCPL plant. A plant visit was arranged at the end of presentation, followed by a question & answer session. The students took a keen interest in the plant visit and asked several questions to get maximum benefit out of this opportunity.

Such tours are vital for growth of students and help in bringing Industry and Academia closer.





## Highest Ever Yearly Production

Sumayyah Waheed



2021 has been remarkable for LCPL. This year we took the most challenging target of 520,000 tonnes production and broke all records.

Back in 2018, when we broke our production record of 2009, we did not imagine that within a span of 3 years, we would be holding another celebration for record breaking production. Despite the challenges faced due to Covid-19 pandemic, team LCPL was able to deliver its most ambitious yearly target and closed the year on 520,047 tonnes of PTA. We were a good 3,300 tonnes above our previous record, which is equivalent to more than 2 whole days of production at maximum plant rate.







While this required the efforts from each and every individual, it was the teamwork of LCPL family that made it possible for us to achieve what once seemed to be an insurmountable task. The ability to think beyond departmental and functional boundaries to strive for growth of the organisation is what sets us apart; makes it possible for us to set record after record of high production without compromis-

ing on safety or quality.

Congratulations to each and every individual at LCPL for making this year an exceptional one. When a pandemic was wreaking havoc to world economy, we were focusing on taking on and meeting the hardest of the challenges.





## TCF Donations

Rizwan Ahmed

LOTTE Pakistan Foundation donated 0.5 million to The Citizen Foundation in December 2021 which will be used for the education of 25 deserving students. The Citizens Foundation (TCF) is a professionally managed, non-profit organization, dedicated to bringing about positive social change through education. It is one of Pakistan's leading organizations in the field of education for the less privileged. Raja Waheed Ullah Khan (GM HR & IT) handed over the donation cheque to Mr. Saad Waseem of TCF.



## Presence of Mind in Untried Emergencies

Sabih Ahmed



On 17 September, the Lube Oil temperature of Natural Gas Booster Compressor at CoGen plant was found to be on the rising side. Various actions were taken by both Production and Engineering teams, but the issue remained unresolved.

After analyzing the situation, Haris Khan (SE Process), recommended that the issue can be with temperature transmitter and can be checked by using spare temperature element. Once the temperature elements were swapped, NGBC was restarted and the temperature was found to be normal. Haris Khan's deep understanding of operating equipment is highly commendable.

## Recognition of Service

The management of Lotte Chemicals Pakistan Limited awarded M. Younas for his successful completion of 10 years of service as the Boiler and Generator Area Operator. We are fortunate to have such a dedicated and hardworking members like him on board with us. His proactive approach and prompt actions have helped time and time again during emergency and high-pressure situations. We earnestly express our gratitude towards him.



## Operational Excellence

Sajid Shafique

Production team always strives to minimize production loss during plant upsets or maintenance activities. Cracks were observed on Oxidation Reactor seal support clamp, and to protect the seal itself, the clamp had to be removed. On 1 November 2021, Oxidation plant was taken on hold after detailed discussion between Production and Maintenance team. A planned activity was performed and Oxidation plant was taken on hold for an astonishingly short duration of 15 minutes which is a

remarkable feat. Later on, plant was started and production was maximized with minimum production loss.

This was made possible through effective parameters management by Syed Muhammad Farooq (Senior AEP) and Tariq Zia (SE Process) under the leadership of Muhammad Irfan (SSM). These kinds of contributions when combined together become a reason for achievement of higher production milestones.



## 11th Fire & Safety Award for LCPL

Shuaib Iqbal

LCPL has achieved another laurel for its HSE performance in form of 11th Fire & Safety Excellence Award organized by National Forum for Environment & Health (NFEH) & Fire Protection Association of Pakistan (FPAP)

Mr. Sohail Abbas (HSE & Technical Training Manager) received the award on behalf of LCPL at the august ceremony held at Marriot Hotel Karachi on 9 December 2021. Mr. Shariq Ahmed (Secretary Transport Sindh) was the chief guest of the event that was attended by various senior representatives from renowned organisations of Pakistan.

The Fire Safety Award is an acknowledgement of the implementation of excellent control measures & maintenance of up to date fire safety management system to handle major emergencies like Fire & Toxic release at LCPL.



## Skills Development Employers' Recognition Award 2020

S. Hameed H. Shah

First ever Skills Development Employers' Recognition Award 2020 was jointly launched by Skills Development Council (SDC) and Employers Federation of Pakistan (EFP); LCPL was selected as the award winner. The award was decided on the basis of training hours, budget dedicated to trainings, and total number of employees trained during budget dedicated to and 2020.

Award ceremony was held on 30 October 2021 at Marriott Hotel, Karachi. A large number of industry representatives, government organizations, training institutions, and trade unions people were in attendance. Mr. Tariq Mahmood (HR & IT Manager)

received employers' recognition award on behalf of Lotte Chemical Pakistan Limited from the chief guest Ms Ghazala Saifi, Member of National Assembly, Secretary, National Heritage & Culture Division.



## Session with Trainee Engineers



17 December, 2021 at Plant Site



## Effective Business Communication



27 September, 2021 at Plant Site by PharmaHUB Consultancy

## Introduction to Management

**LOTTE CHEMICAL** PAKISTAN LTD



**Introduction to Management (ITM-II) conducted by  
Saadi Insha  
October 28th, 2021  
at Karachi Marriott Hotel**





## IFRP and JQP Reward Distribution Ceremony

Shuaib Iqbal

Internal Faculty Recognition Program (IFRP) promotes an environment of learning within the organisation. Through this programme, internal trainers are recognised and rewarded for their efforts in training fellow employees.

Job Qualification Program (JQP) is another important programs conducted by Technical Training Center (TTC) , where non-management employees appear in different skill blocks examinations and are rewarded on successful completion of the assigned JQP block.

Technical Training Center (TTC) organised a rewards distribution ceremony on 3 December 2021 to met

out rewards for both IFRP and JQP. Mr. Humair Ijaz (Chief Executive ) was the Chief Guest of the Ceremony while Mr. Tariq N. Virk (Director Manufacturing) , Waheed U Khan (General Manager HR & IT ) Mr. Syed Qamar Alam (Engineering Manager), Mr. Syed Masood Ul Hassan (Production Manager ) & Mr. Adnan Ul-Haque (Technical Manager) were the guest of honors.

Organisation of training sessions during Covid-19 outspread was a difficult task but TTC managed it well thought 2021 by adhering to the safety precautions. Efforts of Sohail Abbass (HSE & TTC Manager) are worth appreciating in this regard.



## Caustic Wash Downtime Reduction

Asad Hayat

For the Oxidation plant to provide consistent high production, it requires a regeneration activity in form of CTA Dryer Caustic Wash. This activity is normally done with the shutdown of plant but this time around, it was a business need to minimize plant downtime because of high PTA demand in market. The Oxidation Team joined heads to find a solution and took the initiative of performing the Caustic Wash without going on a long shutdown.

In order to shorten the downtime, several changes

had to be made in the process of holding the plant and then restarting it. Oxidation team stepped up to the challenge and executed the plan without errors, making sure that completion of all the steps of CTA Drier washing was done within the duration of 26 hours versus 48 hours downtime as experienced in previous occurrences.

It was a great team effort which significantly reduced production downtime and loss in material efficiencies was also minimized.

## TTC Round Up

Syed Tayyab Ali



Use Of Personal Protective Equipment's training session was conducted by Naseer Qureshi (Senior Safety Officer) on 31 Aug 2021.



Emergency Plan Toxic Refuge training session was conducted by Naseer Qureshi (Senior Safety Officer) on 5 Aug 2021.



Use Of Safety Shower & Eye Wash Tub training session was conducted by Fahad Ahmed (Safety Supervisor) on 9 Sep 2021.



Refresher Training Permit to work system was conducted by Shuaib Iqbal (Assistant Manager QHSE) on 16 Sep 2021.



Training session Plant Modification System was conducted by Asad Ahmed Khan (Process Engineering & Development Manager) on 5 Oct 2021.



Distribution Emergency Handling training session was conducted by Naseer Qureshi (Senior Safety Officer). 14 Oct 2021.



Training session Contract Management and Administration was conducted by Muhammad Zain Siddiqui (Purchase Manager) on 7 July 2021.



HSE Awareness training session was conducted by Arshad Ali Sheikh (TPM Manager) on 4 Nov 2021.



Use Of Fire Extinguisher Training session was conducted by Fahad Ahmed (Safety Supervisor) on 7 Oct 2021.





TTC organized a 4 day's orientation program for Trainee Engineers introduction to HSE management system and attend all HSE practical trainings. orientation Started Date on 22 Nov-2021.



Forklifter Training (Two session) was conducted by Hamid Hussain (Senior Warehouse Officer) on 28 Sep 2021 and 18 Oct 2021.



Role Of Fire Warden Training session was conducted by Naseer Qureshi (Senior Safety Officer) on 18 Oct 2021.



Awareness on IMS Standards Training session was conducted by Shuaib Iqbal (Assistant Manager QHSE) on 21 Oct 2021.



Hazard Awareness"( Physical, Mechanical, Radiation and Process) training session was conducted by Naseer Qureshi (Senior Safety Officer) on 28 Oct 2021.



Conservation of hearing training session was conducted by Naseer Qureshi (Senior Safety Officer) on 3 Nov 2021.



Office Work Safety training session was conducted by Naseer Qureshi (Senior Safety Officer) on 15 Nov 2021.



TTC organized a 05 week orientation program for Apprentices with all departments for giving them understanding of company's policy, introduction of departmental functions, basic overview of plant process and equipment. Orientation Started Date on 6 Sep 2021.

## Farewell Mr Cho



## Farewell of Mr Hameed Hussain





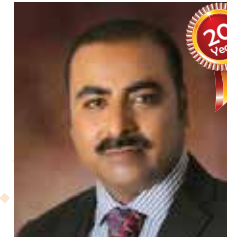
# Long Service Award Recipients



**Tariq Nazir Virk** completed 25 years of service on 31st December 2021. He joined the company on 1st January 1997 and is presently working as Director Manufacturing.



**Muhammed Talha Khan** completed 20 years of service on 2nd December 2021. He joined the company on 3rd December 2001 and is presently working as Commercial Manager.



**Kamran Saëd** completed 20 years of service on 15th August 2021. He joined the company on 16th August 2001 and is presently working as Maintenance & Inspection Manager.



**Mati Ur Rehman Sheikh** completed 20 years of service on 1st July 2021. He joined the company on 2nd July 2001 and is presently working as Assistant Engineer Electrical.



**Mashhood Adil** completed 15 years of service on 31st August 2021. He joined the company on 1st September 2006 and is presently working as Junior Engineer Instrumentation.



**Syed Usman Masood** has joined the Company as Assistant Manager Finance, with effect from 6th September 2021. He has completed CPA, CA from Ontario, Canada. His last employment was with Allied Bank Limited.



**Muhammad Shahnoor Azhar**, BE (Mechanical Engineering), Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Swabi, has joined the Company as Trainee Engineer, with effect from 25th October 2021.



**Ahsan Tarique** has joined the Company as Sub Engineer Process - IV, with effect from 1st November 2021. He has completed FSc from Board of Intermediate & Secondary Education, Mirpurkhas, Sindh. He has done his Apprenticeship at LCPL.



**Ahmed Mateen** has joined the Company as Assistant Lab Officer - II, with effect from 15th November 2021. He has completed Masters in Chemistry from Karachi University. His last employment was with Hiranis Pharmaceutical Pvt Ltd.







2021 کا سال LCPL کے لیے ایک زبردست سال ثابت ہوا۔ اس سال کمپنی نے 520,000 ٹن پروڈکشن کا مشکل ٹارگٹ پورا کر کے تمام ریکارڈ توڑ دیے۔

2018 میں جب ہم نے اپنا 2009 کی پروڈکشن کاریکارڈ توڑا تو ہم نے سوچا بھی نہ تھا کہ تین سال کی قلیل مدت میں ہم ایک اور ریکارڈ توڑنے والی پیداوار کا جشن منائیں گے۔ Covid-19 کی وبائی صورتحال میں مشکلات کے باوجود، Lotte کیمیکل پاکستان لمیٹڈ کی ٹیم نے بہت بڑا سالانہ ٹارگٹ پورا کرنے میں کامیابی کے ساتھ سال کا اختتام 520,047 ٹن PTA کی پیداوار پر کیا۔ ہم اپنے گزشتہ ریکارڈ سے 3,300 ٹن زائد پیداوار حاصل کرنے میں کامیاب رہے جو زیادہ سے زیادہ شرح کے مطابق پلانٹ سے پورے 2 روز کی پیداوار کے مساوی بنتا ہے۔

چونکہ یہ ہر ایک فرد کی کوششوں کا ثمرہ ہے، حقیقت میں یہ LCPL کی پوری فیملی کے ٹیم ورک کی بدولت ہے کہ جو ایک مشکل ترین ٹاسک لگ رہا تھا اسی عزم کی بدولت آسان ہوا۔ ڈپارٹمنٹ اور اپنے کاموں سے آگے کی سوچ کے نتیجے میں فیملی کے طور پر ہی ادارے کی ترقی کو چار چاند لگتے ہیں۔ یہی وجہ ہے کہ معیار اور تحفظ پر کوئی سمجھوتہ کئے بغیر اتنی بڑی پیداوار کاریکارڈ حاصل کیا گیا۔

Lotte کیمیکل پاکستان لمیٹڈ کا ہر ایک فرد اس سال کو غیر معمولی بنانے پر مبارکباد کا مستحق ہے۔ جب پوری دنیا میں وبائی صورتحال سے عالمی معیشت خطرات سے دوچار تھی، ہم نے اپنے مقصد پر توجہ مرکوز رکھی اور مشکل ترین چیلنجز پر قابو پانے میں کامیاب رہے۔





پاکستان نیوکلیر ریگولیٹری اتھارٹی کی جانب سے جناب اخلاق احمد میرانی (پرنسپل انجینئر) جناب اسد محمود (پرنسپل انجینئر) اور محترمہ صنم ہاجرہ (سائنٹفک انجینئر) نے اپنی ٹیم کے ہمراہ اس ڈرل میں شرکت کی۔

اس ڈرل کی نگرانی جناب شعیب اقبال (ریڈی ایشن پروٹیکشن آفیسر، LCPL) نے کی جبکہ جناب تیمور اعجاز (شفٹ مینیجر، پیوری فیکٹیشن)، جناب جہانزیب علی (شفٹ مینیجر، پیوری فیکٹیشن) اور جناب سید اعجاز حسین رضوی (شفٹ مینیجر، پیوری فیکٹیشن) نے ان کی معاونت کی، اس میں میڈیکل اور سیکورٹی ٹیم کی زبردست کوآرڈینیشن اور جناب حامد شفیع (اسسٹنٹ مینیجر پروسیس، پیور)، جناب شعیب علی خان (پلانٹ آپریٹر، پیور) اور جناب عبدالجبار ملک (اسسٹنٹ انجینئر پروسیس، پیور) کی معاونت بھی شامل تھی۔

پاکستان نیوکلیر ریگولیٹری اتھارٹی کی ٹیم نے LCPL سائٹ پر کسی بھی ہنگامی ریڈی ایشن حالات سے نبرد آزما ہونے کے لیے جوابی کارروائی کے امور اور عمل درآمد کے طریقہ کار سے متعلق کینی کے انتظامات کی تعریف کی۔

HSE اور ٹیکنیکل ٹریننگ ڈپارٹمنٹ نے 14 دسمبر 2021 کو LCPL پلانٹ سائٹ پر پاکستان نیوکلیر ریگولیٹری اتھارٹی (PNRA) کے ساتھ مشترکہ ریڈی ایشن ایمر جنسی ڈرل کا انعقاد کیا تاکہ ریگولیٹری لوازمات پر عمل درآمد کو یقینی بنایا جائے۔ اس طرح کی مشترکہ مشق LCPL میں پہلی بار انجام دی گئی۔

اس ڈرل کے مقاصد یہ تھے:

- ایمر جنسی ریسپانس ٹیم کے امور، سیکورٹی ٹیم، میڈیکل ٹیم، سینٹر شفٹ مینیجر، شفٹ مینیجر، RPO، ڈی سی ایس بورڈ مین اور ایریا آپریٹر کے کام کی نگرانی۔
- ریڈی ایشن ہنگامی حالات میں ورک فورس کی جوابی کارروائی اور آگہی کو جانچنا،
- ہنگامی حالات پر قابو پانے کے لیے PNRA ٹیم کی جوابی کارروائی اور معاونت کا جائزہ لینا،
- بہتری کے امور اور مقامات کی نشاندہی؛







Lotte کیمیکل پاکستان کے لیے یہ ایک شاندار موقع تھا کہ جب عمران اللہ خان کو HSE پر فارمنس ایوارڈ سے نوازا جا رہا تھا۔ یہ وہ موقع تھا کہ جب 18 نومبر 2021 کو نیشنل الیکٹریک پاور ریگولیٹری اتھارٹی کے چیئرمین نے نمبر ایوارڈ کو آرڈر میں منعقد تقریب میں یہ ایوارڈ دیا۔

پاکستان بھر میں بجلی پیدا کرنے والے 177 یونٹس میں سے 13 یونٹس کو HSE کارکردگی کی بنیاد پر منتخب کیا گیا۔ یہ ایوارڈ LCPL الیکٹریکل ٹیم کی بے مثال کاوشوں کا نتیجہ اور HSE سے متعلق شاندار نتائج کا ثبوت ہے اور یہ Lotte کیمیکل پاکستان لمیٹڈ کے لیے ایک زبردست اعزاز ہے۔

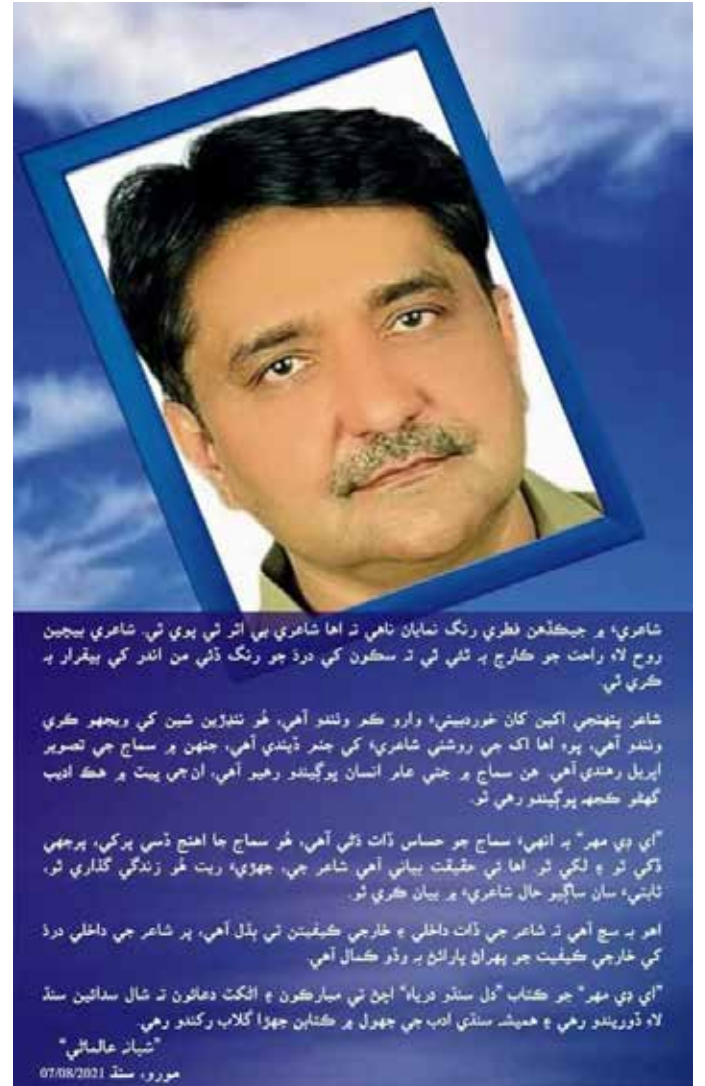
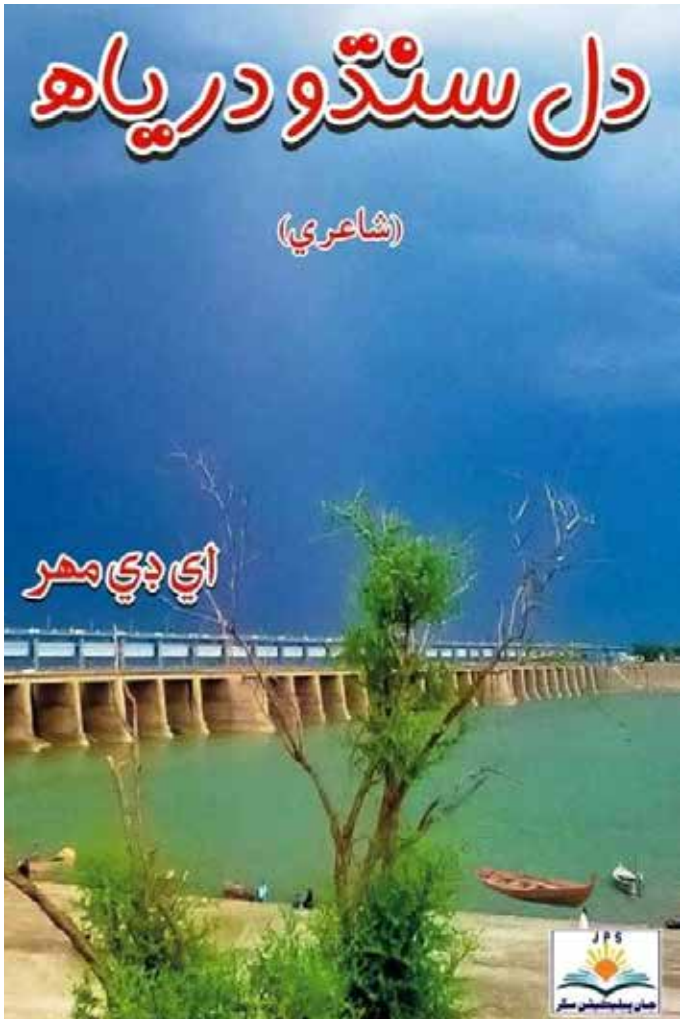
## جنون ہے زندگی

ارسلان احمد

ان کی کتاب ”سندھ دریا میرادل ہے“ سے کچھ اشعار اردو میں اس طرح بیان کئے جاسکتے ہیں:

آنکھوں کے سارے خواب ادھورے رہ گئے  
سارے حق و حساب ادھورے رہ گئے  
میرے سارے سوالات سلامت ہیں مگر  
میرے سارے جواب ادھورے رہ گئے  
تیرے ہاتھوں تک نہ پہنچ سکے  
کئی خوشبو و گلاب ادھورے رہ گئے

آرٹ زندگی کا ایک جزوی حصہ ہے لیکن کسی بھی فرد کی زندگی پر یہ کئی طرح سے اثرات چھوڑتا ہے۔ اللہ نؤمہر (اسسٹنٹ مینیجر، پروسیس پیور فیکٹیشن پروسس) نے سندھ کی خوبصورتی پر شاعری کی ایک کتاب شائع کی ہے۔ ان کی کتاب پیار اور نفرت کے امتزاج میں سندھ دھرتی کی کشش کو شاعرانہ انداز میں پیش کرنے کی ایک زبردست کاوش ہے۔ اس کتاب میں انہوں نے صوبے کے عام آدمی کی زندگی اور ان کے خیالات کو ایک منظم و مدہم طرز پر پیش کیا ہے۔ ان کی شاعری کو مختلف سنگرز نے تشہیری اقدام میں استعمال کیا ہے۔



شاعری، ہر جیکڑن فطری رنگ نمایان ناہی تہ اہا شاعری ہی اثر ٹی پوی ٹی۔ شاعری بیچین روح لا، راحت جو کراچ بہ ٹلی ٹی تہ سکون کی دود جو رنگ ڈٹی من اندر کی ببقار بہ کھری ٹی۔

شاعر پنہنجی اکین کان خوردیشہ وارو کھر وٹندو آہی، غو ننڈون شین کی وچھر کھری وٹندو آہی، پورہ اہا اکہ جی روشنی شاعری کی چتر ڈیندی آہی، جنون ہر سماج جی تصویر اپریل رھندی آہی، من سماج ہر جتی عام انسان پوگیندو رھبو آہی، ان جی پیت ہر حکم ادیب کھنر کھنر پوگیندو رھتی ٹی۔

”ای دی مہر“ ہر انہی سماج جو حساس ذات ڈٹی آہی، غو سماج جا اتھن ڈسی پرکھی، پرچھی ڈکی ٹی لکھی ٹی اہا ٹی حقیقت بیانی آہی شاعر جی، جھوٹی ریت غو زندگی گلاری ٹی، تابانی، سان ساگیو حال شاعری، ہر بیان کھری ٹی۔

اھر بہ سج آہی تہ شاعر جی ذات داخلی ہر خارجی کیفیتن ٹی پڈل آہی، ہر شاعر جی داخلی درد کی خارجی کیفیت جو پھران پارلٹن ہر وڈو کمال آہی۔

”ای دی مہر“ جو کتاب ”دل سنڈو دریاہ“ اپن ٹی مبارکون ہر الکت دعائون تہ شال سدائین سنڈ لا، ڈوروندو رھتی ہر ہمیش سنڈی ادب جی جھول ہر کھنن جھوٹا گلاب رکندو رھتی۔

”شیار عالماتی“  
مورو، سنڈ 07/08/2021



سید ناصر حسین شاہ اس تقریب کے خصوصی مہمان تھے۔ اس ایوارڈ تقریب سے قبل، مہمان خصوصی نے ماحول دوستی اور اس کی حفاظت سے متعلق اپنے خیالات کا اظہار کیا۔

ISO 14001 آرگنائزیشن کی حیثیت میں، ماحول کی حفاظت اور قدرتی وسائل کا تحفظ HSE&S چیلنج پروگراموں کے تحت LCPL کی اولین ترجیح رہے ہیں۔ ماحولیاتی آلودگی اور گیسوں کے اخراج میں کمی، کچرے کی ری سائیکلنگ، قدرتی وسائل کی حفاظت، فلورا اور ایکو سسٹم مینجمنٹ کا تحفظ LCPL کے آئندہ مقاصد میں شامل ہیں۔

LCPL کو نیشنل فورم فار انوائرنمنٹ اینڈ ایسیلٹھ (NFEH) کی جانب سے منعقدہ ایوارڈ تقریب میں 18 ویں سالانہ ماحولیاتی مہارت کے ایوارڈ سے نوازا گیا۔ 16 ستمبر 2021 کو منعقدہ تقریب کے لیے ادارے کی آزاد گورنگ باڈی نے کارکردگی کی بنیاد پر انعامات کا اعلان کیا۔

بیچ لگژری ہوٹل، کراچی میں منعقدہ اس تقریب میں LCPL کی طرف سے HSE اور ٹیکنیکل ٹریننگ مینیجر جناب سہیل عباس سے یہ باوقار ایوارڈ وصول کیا۔ سندھ کے بلدیاتی وزیر جناب



## LCPL ملازمین کی حفاظت کا عزم، بغیر کسی حادثہ کے 16 ملین مین آؤرز کی تکمیل

مقصد میں مسلسل کوششوں اور زبردست ٹیم ورک سے ہر ملازم کی بھرپور کوشش شامل ہے کہ 1998 میں آپریشنز کے آغاز سے لیکر آج تک حفاظت کا یہ تسلسل جاری ہے۔

HSE&S مینجمنٹ سسٹم کی مسلسل کامیابی اور اس پر شاندار عمل درآمد LCPL ٹیموں کی لگن کے ساتھ کام کے ماحول کی حفاظت کو یقینی بنانے کے لیے ہر سطح کے تمام ملازمین کی انتھک محنت اور کوششوں کا مظہر ہے۔ مینجمنٹ کی جانب سے ہیلٹھ، سیفٹی اور ماحول سے متعلق امور کو ترجیح دینا ہمارے اعلیٰ معیار اور کامیابی کا واضح ثبوت ہے۔ مذکورہ بالا بے مثال کامیابی ہمارے مینجمنٹ سسٹم کے موثر ہونے اور ہماری ٹیم کے حفاظت سے متعلق عزم کی تصدیق ہے۔

کمپنی کو اس کامیابی پر ناز ہے اور مستقبل میں بھی اس ریکارڈ کو مزید برقرار رکھنے کے اپنی شاندار مہارتوں کو بروئے کار لانے کے لیے پرعزم ہے۔

Lotte کیمیکل پاکستان لمیٹڈ نے HSE&S میں ایک اور سنگ میل عبور کرتے ہوئے بغیر کسی حادثہ کے 16 ملین مین آؤرز کی تکمیل کی ہے، 26 جولائی 2021 کو اپنے ملازمین کی حفاظت کو یقینی بناتے ہوئے یہ اعزاز حاصل کیا گیا۔

کمپنی کے چیف ایگزیکٹو آفیسر جناب حمیر اعجاز نے LCPL ٹیم کو مبارکباد دیتے ہوئے تمام ملازمین کی انتھک محنت اور قابل ستائش کارکردگی کی بدولت اس ورلڈ کلاس بیچ مارک کو حاصل کرنے پر خوب سراہا، ان کا کہنا تھا کہ ملازمین کی لگن، مثبت سوچ، حفاظتی اصولوں کی پاسداری اور HSE سے متعلق ذمہ دارانہ کارکردگی سے ہی ایسی غیر معمولی کارکردگی حاصل کی جاسکتی ہے۔

اس موقع پر ڈائریکٹر مینوفیکچرنگ جناب طارق این ورک نے لیل سی پی لیل ٹیم کی جانب سے اس بے مثال حفاظتی ریکارڈ قائم کرنے پر خوشی کا اظہار کرتے ہوئے ٹیم کی کوششوں کو خراج پیش کیا کیونکہ اس

# connect

## LCPL team delivers highest ever yearly production

