

## ON THE INVITATION OF BOARD OF DIRECTORS SAPM (PETROLEUM) VISITS SNGPL HEAD OFFICE



Helpline:1199

## Avoid Compressor Avoid Disconnection

## Consumers using GAS COMPRESSOR will face immediate GAS DISCONNECTION without prior notice

● f ♥/SNGPLofficial

Call 1199 to report use of compressor



سوئی ناردرن گیس Sui Northern Gas سلام الار ( الارکنین )



Patron - in - Chief: Amer Tufail **Chief Editor:** Editor: **Editorial Team:** 

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#### **Cover Story**



Special Assistant to the Prime Minister of Pakistan on Petroleum Nadeem Babar paid a special visit to the Company Head Office on the invitation of Board of Directors

# **Annual Review** SCADA at SMS





To bring the company network in the fold of the Company's Telecom network, the Company has started installing GPRS Modems with its installations

Annual Performance Reviews of Departments and Regions are part of this issue

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**Regional Reviews** 

Share your feedback with us: Media Affairs Department, Sui Northern Gas Pipelines Limited, Ground Floor, LDA Plaza, Egerton Road, Lahore. **C** 042-9920 4338 042-9920 1317 @ media.affairs@sngpl.com.pk ■ SNGPLofficial /sngplofficial

You can also read the newsletter online on SNGPL 's website or scan the QR Code to access it on your smart device



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## EDITORIAL NOTE

We are here with the fourth annual issue of "The Pride". Starting from January 2019, we kept our readers informed about every success of the Company, all the festivals that we celebrated together and all the happenings in individual and collective lives of our colleagues at SNGPL.

Just like our lives, every year is a combination of highs and lows that we face. While we celebrate our successes, we must not forget to pray for the late Chairman, SNGPL Board of Directors Syed Dilawar Abbas who passed away in 2019. He was always concerned about the Company's weak areas and wanted it to prosper in future. The Company is now lucky to have a Chairperson who, with her vision and guidance, is determined to make the Company capable of handling future challenges while embracing technological advancements to reduce operational expenditures. Her rich banking background will enable the Company in meeting financial challenges being confronted by the Company. Ms. Roohi Raees Khan, the incumbent Chairperson, Board of Directors also holds significance for being the first female Chairperson of SNGPL's Board of Directors. Gender balance in every aspect is a key element in today's corporate world. While SNGPL had always taken pride in ensuring gender balance, the Company, can now be counted among those organizations in the world who are chaired by a competent and visionary female leader.

Special Assistant to the Prime Minister of Pakistan (SAPM) on Petroleum Nadeem Babar recently visited SNGPL Head Office on the invitation of Board of Directors. Roohi Raees Khan, Chairperson Board of Directors along with the members of Board of Directors and Managing Director SNGPL Amer Tufail welcomed the honourable guest at the Head Office where he chaired an important meeting. Senior Management of the Company was also present on the occasion.

We always claim SNGPL to be one the very few organizations which are utilizing technology as a tool to enhance business efficiency while at the same time reducing operational cost. One of our worthy Directors Mr. Sohail Razi Khan comes to our BOD with rich experience in utilizing technology as a business tool to enhance productivity of the Company, which is being immensely beneficial for the Company.

"The Pride" has always preferred to be a trendsetter rather than a mere follower. The newsletter that began with covering the companywide activities now includes literature, history and general interest items in its fold. We later ventured into Punjabi literature which was also greatly appreciated by our readers so we decided to step up the game. We are proud to be launching a complete Regional language section in our newsletter from this issue which will include Pashto, Saraaiki and other languages.

We now look towards the year 2020 with the vision to project the Company's efforts in the best possible way. We hope that the Company has another great year so that we have more pleasant stories to share with our readers. As always we are giving away a little gift of calendar with this issue of "The Pride". Happy reading!

> (Syed Jawad Naseem) Chief Editor

#### MESSAGE FROM

## MANAGING DIRECTOR



"Progress is impossible without change, and those who cannot change their minds cannot change anything".

#### - George Bernard Shaw

The year 2019 proved to be one of those learning as well as extremely exciting in terms of experiencing enormous challenges and equally charged efforts put in by our team members to overcome those challenges. The crux of our experiences can be defined by a single word i.e. "Change". We focused on changing mindset of all of us to combat issues that we have rarely seen in the past. From mindset to technology, from strategies to work pattern; we laid foundation stone for the change that is a must to sustain in a competitive business environment that lies ahead of us.

The year began with continuation of the biggest ever crackdown against gas theft in SNGPL's history. The aggressive drive was launched on the directions of Prime Minister of Pakistan and massive cases of gas theft were unearthed by different Regions during the campaign. The Company also launched a parallel media awareness campaign regarding the crackdown while announcing dedicated telephone numbers for public to report gas pilferage anywhere in SNGPL's franchise areas. The campaign would not have been this successful had the public not cooperated with us. Our Regional teams are in high spirit while actively combating the gas losses. This is helping the Company in controlling the menace of Unaccounted for Gas (UFG).

No matter whatever we do to strengthen our Company, SNGPL cannot be strong unless it is financially healthy. Keeping this in mind, our Departments make all out mutual efforts to ensure that we break our own records. By the grace of God, this year we announced highest ever annual profit (After tax) of Rs. 11,121 million (FY 2017-18) and highest ever interim quarterly profit of Rs. 2,596 million (Q1 FY2018-19). This is not an easy job at all as we are perhaps among the fewest public sector utilities which continue to post such a tremendous growth year after year.

SNGPL always takes pride that it is among those few utilities which were known for the highest quality of Customer Services. Unfortunately with the rapid increase in number of consumer and comparatively limited resources, we were unable to keep it at par with our initial standards, however the innovative concept of Pakistan Citizens Portal launched by the Honourable Prime Minister of Pakistan helped us in proving that when it comes to customer services, SNGPL is still unbeatable. In a recently launched report by the portal itself, SNGPL takes the lead over all other departments with highest number of resolved complaints. This shows that despite very limited resources we are committed to serve our consumers in the best possible way.

SNGPL also continued to explore new avenues of technology this year as the Company marked its launch on social media. The winter awareness campaign which was earlier carried out through conventional media including Print, Electronic and Outdoor witnessed launch on digital and social media. The Company's accounts on Facebook, Twitter, YouTube and Instagram were warmly welcomed by the consumers as they find it more convenient to communicate with the Company.

They key to all the achievements mentioned here lies in the talent, efforts and unity of our employees. The Management owes debt of gratitude to our colleagues, each one of them, who make us proud in one way or the other. Remember, for us to continue on this track of success, we need to be brave about changes. Keep exploring, keep learning and be successful. With this, I hope and pray that we have more stories of even better success all throughout the next year. All the best!

## **COVER STORY**



## ON THE INVITATION OF BOARD OF DIRECTORS SAPM (PETROLEUM) VISITS SNGPL HEAD OFFICE

#### **Media Affairs Department**

Special Assistant to Prime Minister on Petroleum Nadeem Babar recently visited SNGPL Head Office on the invitation of Board of Directors. Roohi Raees Khan, Chairperson, SNGPL Board of Directors welcomed the honourable guest. SAPM (Petroleum) later chaired a meeting which was also attended by Chairperson Board of Directors, MD SNGPL Amer Tufail and Senior Management of the Company. Managing Director Amer Tufail gave a presentation on the key issues faced by the Company. SAPM (Petroleum) discussed various solutions with the meeting participants and provided guidance to the Company Management.



06I PRIDE

## DEVELOPMENT





## SCADA AT SMS LUCKY CEMENT

#### **Akash Jahangir**

Telecom Department is operating state-of-the-art SCADA System with online outstations established at Gas Sources, SMSs, Compressor Stations and Mainline Valve Assemblies of Transmission Network. The remote monitoring and control of these outstations has been enabled from Gas Control Centre using Company's own terrestrial Microwave/UHF network. Field data interface devices are the 'ears and eyes' of SCADA system and help the management in Gas load Management by providing the real time gas pressure and flow data.

As the Company's gas Transmission and Distribution network is continuously being extended to the areas which are out of the coverage of the Company's telecom network, the remote SCADA system installed at SMSs and Valve Assemblies in these localities could not be integrated with the Host at Gas Control Faisalabad. To overcome this short coming, Telecom Department decided to use the GPRS network of local mobile operator available in the area for the first time. One such SMS, Lucky Cement, was required to be online in SCADA system. In order to meet the requirement, a GPRS Modem was required to be installed along with the SCADA RTU at the site. Robustel GoRugged M1000 Pro V2 is a rugged, industrial grade, dual SIM offering 2G/3G intelligent modem designed to provide seamless, always-on, always aware wireless connectivity for machine to machine (M2M)/Internet of Things (IoT) applications. A virtual private network (VPN) is used with the particular cell phone operator to access the RTU's data over their data network.

With this arrangement, the real time Gas Pressure/flow data for any measuring point can be made available at Gas control Faisalabad for various day to day Gas Control operations using the cell phone data network.

The writer is Senior Engineer(Telecom) Wah-T.



Managing Director SNGPL Amer Tufail in conversation with City42.





Sohail M. Gulzar, Deputy Managing Director (Operations), during an interview with City42 correspondent.

**08**I**₿**PRIDE



 MD SNGPL Amer Tufail talking to GNN Television Senior Correspondent Javed Farooqi.

DMD (Operations) discussing issues related to gas supply with GNN correspondent.





MD SNGPL Amer Tufail talking to program host Zohaib Saleem Butt in program ' Ba-naam Takht e Lahore'.

## **OPEN CORNER**



## ELECTRONIC GAS MEASUREMENT AUDITING

#### Shams ul Islam

Electronic gas measurement (EGM) auditing is a very important process in the natural gas industry. Within the last twenty years, the natural gas industry has changed from the dry flow chart recorder to the Electronic flow Computer (EFM) as the primary method of recording the measurement data for custody transfer.

These flow computers are subject to all of the problems in the primary device that a chart recorder was. In addition they have their own set of problems that crop up in the flow computer and transmitters, some of which had similar problems when it was a chart recorder and some of which are unique to the flow computer. Careful review of the meter data should still be (and usually is) a part of the monthly close process.

#### Even with the review process,

occasionally measurement errors make it through to the payment calculation. It is for this reason that auditing is necessary and prudent. A proper audit procedure can be cost effective and ensure that proper credit is received for any delivery. As a side benefit, it will also help ensure that internal measurement is being performed properly.

#### API Chapter 21.1:

API Manual of Petroleum Measurement

Standards, Chapter 21.1 defines the minimum necessary data to evaluate electronic gas measurement and perform edits in order to recognize problems and to correct for them if they occur. While there are many different gas flow computers on the market and many different company defined measurement programs, all should be able to provide measurement data that meets these requirements for custody transfer or sales check meter measurement.

#### Audit Data:

EGM auditing requires careful scrutiny of an array of data. In order to complete an audit, the first step is to acquire all existing information used in the determination of volumes. EGM data usually consist of reports generated directly by the EGM, field location, or office. These reports provide volume information and other details used in volume determination. Reports differ by manufacturer and company, but most provide similar basic reports.

The following are typical EGM reports and other data required to perform a complete audit.

• Characteristic Report — Provides details on station name, location, calculation factors, AGA data, analysis data, alarm data, and calibration data.

• Volume Report — Provides daily (or hourly) volumetric readings with averaged differential pressure (DP), static pressure (AP), and temperature.

• Alarm Summary — List daily alarm conditions such as low differential, high differential, low static pressure, high static pressure, low power, and many others.

• Event Report — Details all station activity such as meter tests, calibrations, plate changes, and any other change made to the station parameters.

• Meter Test Reports — Along with the events report, most companies complete hard copy meter test reports when tests are performed or changes are made to the station. This is absolutely necessary to maintain the audit trail.

• Change Reports — Some companies use separate reports when changes are made (i.e., plate change, meter tube change, range change, etc.).

• Witness Reports — Meter tests witness report verifying tester's results.

• Analysis Reports — Gas composition information taken from spot samples, composite samples, or on-line chromatography.

• Check Station Data — Volume and other reports from any check stations available.

Once all of the related reports and data are obtained, the actual audit begins. Always verify station name and ID. Volume reports should be reviewed for obvious errors, such as missing days or any abnormal data. The characteristic report should be reviewed to determine that proper composition data was used, and that all other station parameters are correct. This should be done for each audit, even if the audit is on a continuous basis. Occasionally, parameters are unintentionally modified or lost due to meter problems.

Review alarm summary to detect problems in the EGM. EGM manufacturers provide daily alarm summaries that can be a valuable audit tool. The alarm summary details many conditions of interest to the operator as well as the auditor. The alarm limits are reported in the characteristic report and should be verified. The alarm summary also reports errors in the EGM transducer signals, caused by over-ranging transducer or other transducer trouble. Alarm summary reveals errors in the calculation process that can be caused by invalid parameters or meter problems.

Review event reports to ensure proper calibrations and that changes (i.e., plate

changes, composition, etc.) are posted properly. Most manufacturers provide detailed events in this report that can often explain discrepancies. Any changes made to the station should be verified closely. Any time changes are made, volume accumulators should be reset in order to ensure that correct parameters are used for calculations from the time of the change forward. Depending on contractual tolerances and obligations, corrections or adjustments may be required from meter tests. This can be determined from the events reports. Test and found points should be recorded during each meter test to provide this as audit trail.

Volumetric data can often be obtained in electronic format allowing for integration, recalculation, and comparison by computer. The computer will reduce time spent on audits by automatically flagging potential problems. Volumes should be compared to check station, if available. If a problem is detected through reviewing the volumes or by check meter comparison, more detailed research should follow. Measurement problems and/or errors can result from a wide variety of sources. Some problems are easily detected and corrected, others are impossible to correct. This is where experience is beneficial to the auditor. In this case, we will divide errors into two categories: Field and Office.

#### I. Field Errors:

With EGM, the bulk of responsibility of the meter station and resulting volumes is with the field personnel. With this added responsibility and the inherent dynamics involved in measuring natural gas, most, but not all, errors can be traced to the field. For this reason, adequate training and clear communication with field personnel are essential ingredients in the natural gas measurement process.

With any type of measurement, unique characteristics of the measurement devices in use and the actual gas being measured all affect the measurement results.

#### a. Primary Elements

Many errors or discrepancies are a result of operational or physical properties. Fluids in the gas stream can render false differential readings. Fluids in gauge lines can cause differential zero shifts. Pulsation, caused by compression, can result in differential error. Gauge line error due to compression, flow obstructions, or piping, can also cause differential error that is sometimes difficult to detect. Freezing causes problems when liquids or hydrates form solids in piping or gauge lines. This condition can occur even when ambient temperatures are above freezing (32 F), as long as hydrates are present in the gas stream. This freezing typically results in a shifting zero or "wandering" differential. This is often difficult to detect on EGMs unless the data is graphed or carefully reviewed. Most EGM data will be averaged over daily periods, so this differential error can easily be overlooked. This is especially true when there is no check measurement or balancing available.

Not only do physical properties of the gas affect measurement, but also the flow characteristics. When flow patterns are steady and pressures are constant, any type of applicable gas measurement device is capable of measuring gas accurately. Typically, chart recorder check meters will run well less than 0.5% of EGM volumes, even with nominal fluctuations in flow patterns. When flow patterns become erratic, measurement becomes more difficult to measure and even more difficult to audit accurately. These extremes in flow rates often make recalculation difficult if not impossible. EGMs normally calculate volumes once per second, but accumulate volumes and averages on an hourly or daily basis. This makes recalculation of EGM data somewhat inaccurate. The best practice, in every case, is to work towards designs and policies that prevent and eliminate the possibility of these errors.

Plate changes, as well as all other changes, are automatically reported in the events report. Use the events report to verify that the orifice plate change was recorded and applied properly. Volume accumulators should be reset any time any change is made, in order to ensure that correct parameters are used in calculations.

#### b. Secondary Elements:

Always verify the meter station ID. Using incorrect data or volumes can prove tiresome in the auditing process. The characteristics report defines all parameters used in the calculation of volumes by the EGM. All of these parameters must be verified as correct. With EGM, field personnel are often charged with not only testing, but also updating plate changes, compositional data, and other calculation parameters. Often, data is entered incorrectly or omitted entirely. Care must be taken when heating values (Btu) are entered. The heating value entered must be as set forth by contract (saturated, dry, or actual) and at the same pressure base as was the volume computation. It is a common mistake to disregard pressure base for Btu resulting in an error in MMBtu. The Btu is not used in EGM calculations; however, they are often collected with the rest of the EGM data and imported into reporting systems where MMBtu is calculated.

EGMs typically have a zero cutoff feature, which is used to prevent calculation of

volume when there are slight zero shifts in transducers. If this option is set too high and low flow conditions exist, it is possible for the meter to ignore this low flow. Conversely, transducer zero shift above zero cutoff can result in calculating flow during no flow conditions. Always verify zero cutoff and differential recordings, along with low DP alarms. Overranging of the meter is also a severe problem. If this occurs, volumes will be understated. Check measurement or estimates must be used. Always check high DP alarms in the alarm summary to verify that the differential is not being over-ranged.

EGM has become very reliable; however, as with any electronic device, failures will occur. Transducer or transmitter failures are usually detected during the meter test or by erroneous readings reported by the EGM. Occasionally. boards or power supplies will fail resulting in missing data. Most EGMs are battery powered with solar charging systems. With long periods of cloudy weather, units will power down ("sleep") in order to conserve power. Batteries also malfunction, resulting in loss of power. These situations can usually be detected by missing data. Occasionally, meters will report erroneous readings, especially after "sleep" periods, board malfunctions, lightning strikes, or other environmental damage. In either case, check measurement or estimated volumes must be used.

#### 2. Office Errors

Most EGM errors do originate in the field; however, problems do occur in the office. EGM data is collected in the field or by remote, imported into data handling systems, edited, manipulated, recalculated, and sent out in reports. There are many potholes along this highway of data.

Depending upon company policy, contract requirements, and availability, composite compositional data is often applied and volumes recalculated in the office. Analysis or composition reports should be reviewed carefully to ensure application of correct specific gravity, components, and Btu values.

Estimates are often inserted in the office. Estimates should come from check measurement or third parties if possible. Company policies regarding volume estimates vary widely. Incorrect volume calculations can result from recalculating with incorrect or incomplete data. Since raw unedited data is the most accurate, data should not be recalculated unless absolutely necessary.

**Common Sources of Measurement Error:** 

Volumetric and discrepancies can result from many different causes. M/s. Coastal Flow Gas Measurement has kept statistics on what errors they have found in performing EGM audits and listed below are the 10 most common. It is important to note that these are errors are ones that got through the original measurement review process. The list may not represent your experience, it is reasonable for the industry as a whole. Some of these errors ended up being in the check measurement, some in the sales measurement and some in both.

Measurement Error	Percentage (%)
Analytic Data	21.45
Plate Sizing	20.79
Liquids in Meter	9.13
Pulsation	6.41
Incorrect Estimate/Edit	6.34
Set-up Factors Incorrect	4.82
Meter Freeze	4.45
Meter Out of Service	4.38
Calculation Method	4.09
Defective Transducer	3.19

Tabulation of Top 10 Errors Found in 3011 Measurement Audits over the Last 14 Years

Identifying these errors involved reviewing the periodic measurement data and comparing it to the same periods in the check meter, Meter Configuration logs, Alarm Logs and Meter Event Logs. It also involved reviewing the meter inspection and calibration reports, equipment change reports and the gas measurement and quality sections of the contract. Sometimes, additional field tests were conducted to identify the problem.

Most of the problems with EGM are identified and resolve in the initial measurement review process. The two, probably most common issues with EGM, Missing Data (0.73%) and Calibration Errors (2.19%) don't even make a position in the top ten. Where they do present a problem, they typically are also Incorrect Estimate/Edit and are only identified by use of a properly recording check meter.

#### **Conclusion:**

The business of natural gas measurement is truly a complicated, specialized task. The fact is that mistakes will be made no matter who is measuring, what is being measured, or how it is being measured. This fact makes auditing absolutely necessary. The auditor must be knowledgeable in all aspects of measurement, from the field to the office. The obvious goal in natural gas measurement should be accuracy and it is up to the auditor to verify the measurement accuracy.

The writer is Engineer Metering at Central Meter Shop, Lahore.

## **EVENT**



## **3RD SAFETY PROFESSIONAL DEVELOPMENT CONFERENCE**

#### Asma Maqbool

3<sup>rd</sup> Professional Development Conference (PDC) on Occupational Health & Safety (OHS) under the flag of Pakistan Chapter of the American Society of Safety Professionals (ASSP) was organized at Royal Palm Golf & Country Club, Lahore on November 15-16, 2019 with the theme of "Breaking Barriers to Safety Culture". Sui Northern Gas was one of the major organizers and sponsors of this event.

ASSP is striving to promote Occupational Health and Safety (OHS) globally through education and advocacy. ASSP is the first ever platform of highly competent OHS professionals in Pakistan who participated in the conference to discuss need of promoting OHS profession in order to meet future challenges.

The event was inaugurated by Sarah Aslam, Secretary Labour and Human Resource Department. Speakers from oil and gas sector, fertilizer, public sector organizations including SNGPL, PIA, WAPDA and Pakistan Railways, and renowned universities along with officials from government and private sector attended the conference.

The event covered the topics related to health, safety and environment including concept of vision zero, safety and role of digitalization in HSE. A message by the President of Pakistan Dr Arif Alvi regarding significance of OHS was also read at beginning of the PDC Conference. Two Days conference comprised of technical sessions and panel discussion on legal frame work and implementation of ISO 45001 along with presentations from industry, academia, government officials and workers union. In addition to this, exhibition/stalls were also arranged by different companies serving in the business of Health, Safety and Environment, Day two of the conference took off with recapitalization of the previous day by Farrukh Majeed, General Manager (HSE), A technical paper was presented by Sohail Shahzad, Deputy Chief Engineer (HSE), regarding implementation of Health and Safety Management System at SNGPL. HSE Executives from Head Office also participated in the conference. Noman Khan, Senior Engineer (HSE) - Haveliyan Camp presented poster presentation. Complete support was provided by SNGPL Management for the event as evident by the participation of GM (HSE).

ASSP Pakistan Chapter - WISE (Women in Safety Excellence) organized a panel discussion on "Off the Job Safety" on day 2. The panel comprised of representation from female officials from SNGPL, Rescue 1122, National Highway and Motorway Police, Civil Defense, WAPDA and Fatima Fertilizers. The objective of WISE is to promote awareness among the women regarding the Occupational Health and Safety (OHS), sharing of ideas and knowledge in the OHS profession. Rabia Nisar, Executive Engineer, CMS Lahore shared her ideas on women empowerment. During the panel discussion, Asma Magbool, Senior Engineer HSE focused on the role of women in performing daily activities safely at home and promotion of awareness level in the community so that number of accidents pertaining to fire, short circuiting, gas leakage etc at domestic level can be reduced. Due to development of mega infrastructure projects, availability of power and anticipated industrial growth in Pakistan in years

to come, there is high probability of large number of industrial accidents in absence of required controls that may lead to endangering human lives, potential loss to the property and damage to the environment.

It was recommended that state should include OHS in national agenda for sustainable growth and good governance. The conference concluded with the consensus that every sector should play their part in order to reduce the number of accidents and to promote awareness among the community.

The writer is Senior Engineer, HSE Department at Head Office.

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<sup>≇</sup>PRIDE|**15** 

## TOP PERFORMERS



EMPLOY

He has been looking after import requirements of Distribution, Compression, Corrosion Control and Telecom Departments for more than two years. As the Departmental focal person for PMDU, he has satisfactorily handled all the complaints.



Officer

Stores Section

Faisalabad (D)

He is assigned additional responsibilities of Faisalabad/Sharaqpur Camp and he played vital role in resolution of variances against 189 items (indices) at three store locations.

AONTH

Irshad Azeem Khosa Executive Engineer Procurement Department Head Office



## BEST PERFORMERS



Nasrullah Baloch Superintendent Procurement Section Shipping Office, Karachi

He assisted In-Charge, Shipping Office, Treasury and Law Departments in encashment of performance warranty bond of Bank Islami Pakistan.



Dilshad Ahmad Senior Supervisor Billing Section Sahiwal (D)

He is assigned task of review cases, bill segment errors, posting of bill revisions and 1199 complaints. Due to his efforts, there were no bill segment errors in the region in the months of July and August 2019.



Abdul Rizaq Superintendent Accounts Treasury Section Lahore (East)

He developed Excel based application to automate process of refund of security and urgent fee. Due to his efforts, pendency of refund cases were reduced to zero.



#### Muhammad Ashraf

Supervisor Stores Section Faisalabad (T)

He is assigned additional responsibilities of Faisalabad/ Sharaqpur Camp and he played vital role in resolution of variances against 189 items (indices) at three store locations.

#### Rashida Saeed

Officer Business Development Section Lahore

According to the data released by PMDU, SNGPL Lahore Region resovled 2,501 complaints which is highest figure among all regions. Rashida Saeed played instrumental role in clearance of complaints received through PMDU.



Hafiz Rafiullah Usmani Senior Supervisor Procurement Section

Shipping Office, Karachi He assisted In-Charge, Shipping Office, Treasury and Law

Departments in encashment of performance warranty bond of Standard Chartered Bank.



# **ALL IN THE FAMILY**



SNGPL and the Editorial Team of "The Pride" are thankful to the following employees for the services they rendered. We wish all the best for their future.



Abdul Waheed Sr. Associate Engineer (Mechanical) Transmission Section Faisalabad (T)



Muhammad Nawaz Khan Dist Supervisor Fitting Distribution Section Faisalabad (D)



Muhammad Ismail Dy. Foreman Instrument Mechanic Transmission Section Multan (T)



Khawaja Tauseef Hassan Helper Pipe Fitter Metering (Ops) Section Lahore West (D)



Mazhar Hussain Sr. Supervisor Driver Administration Section Islamabad (D)



Moeen ud Din Dist Supervisor Fitting Distribution Section Toba Tek Singh, Faisalabad (D)



Shahid Jamil Dy. Foreman Operator Coat & Wrap Corrosion Section Lahore East (D)



Bashir Khan Dist Supervisor Fitting Distribution Section Peshawar (D)



Ansar Nisar Ahmad Deputy Foreman Fitting Distribution Section Talagang, Rawalpindi (D)



Malik Mushtaq Ahmad Helper Pipe Fitter Distribution Section Fateh Jang, Islamabad (D)



Muhammad Razzaq Sr. Supervisor Carpenter Stores Section Faisalabad (T)



Noor Saleh ud Din Sr. Associate Engineer Corrosion Section Bannu, Peshawar (D)



Muhammad Yousaf Tehsin, ex-Deputy Chief Audit Officer, Head Office, passed away on 05 December 2019.

Mother of Syed Ghulam Marwat, Deputy Chief Officer (IT/MIS), Islamabad, passed away on 31 December 2019.

Father of Shahzad Rizwan Shamsi, Deputy Chief Officer (Stores), Head Office, passed away on 26 December 2019.

Mother of Aslam Pervaiz, Executive Engineer (Distribution), In-Charge Sub Area (Jhang), passed away on 30 December 2019.

Father of Faisal Baig, Executive Officer (IT/MIS), Head Office, passed away on 27 December 2019.

Mother of Bilal Farooq, Engineer (Metering), Central Meter Shop, Kot Lakhpat, passed away on 28 November 2019.



## **I LITERATURE**



Abdul Jabbar is a poet. He did his masters in English, Political Science with Law Graduation. After his law practice for 5 years he turned to teaching. He has been composing poems. His chief interest has been Man and matters confronting him in present age. Some of his poems have also been published in OZ Australian poetic society. Currently he is working as senior teacher for an educational trust.

#### Reassurance

It's only You who reassures me in decay Thinking this does not make me dismay No one's but its only Your promise I will confer you more than you pray

#### Reunion

Where road diverged they did not know As a result of crotch the hearts uttered oh! Surety both gave to remain sincere Holding of hands was like a swear Despite their will they could not talk Along a hope of reunion they had to walk

#### Said and Unsaid

This night I am alone I am going to make a resolution That I will make my place As gem among pebble and stone No doubt the day is little bit far When I will become the guiding star God fulfils prayers and knows the art Which are said and which kept in heart

#### **Innocent Sufferer**

A bit early the mother awoke Ali and Zeb with loving stroke Zeb was five and Ali was three Playing age and mind set free It was not Eid or an event day Curiosity in their mind got way Both were bathed and dressed After breakfast mother caressed Today we will enjoy on a trip Glee on the faces began to drip The destination was a building grand On the gate the policemen made stand The building was a family court The rosy face changed to pale sort A man appeared with toys and gift The mother felt a great rift The man had a word Father on lip Pouring out love enriched mellow dip They both were standing amazed The mother seemed as if blazed Ali stepped eving aimed at gift Zeb pulled him from mind shift You are everything for me in the world Father what made you lead us life of absurd?

www.sngpl.com.pk

■ SNGPLofficial

## **THIRD SLAB**, THREE TIMES THE GAS BILL

### **REMEMBER!**

After 3<sup>rd</sup> slab, there will be a substantial increase in bill with every subsequent slab.



# DEPARTMENTAL REVIEWS



سوئی ناردرن گیس Sui Northern Gas

## ADMINISTRATION



Administration Department plays pivotal role as one of the important pillar of SNGPL by providing support/facilities to other Departments for accomplishing their tasks in an efficient and effective manner. The Department did its utmost efforts to obtain optimal utility from available means and safeguard the Company's resources. Following is the detail of achievements of Administration Department during calendar year 2018-19:

• During the year 2018-19, pool vehicles covered 946,542 kilometer distance and with the grace of Allah Almighty, no issue such as break down of vehicle during travel or accident occurred due to timely maintenance of vehicles and deployment of expert drivers.

• To meet increased requirements of local and International traveling for official purposes, the Department arranged 317 Domestic and 09 International tickets.

• To facilitate Board of Directors, Management and Employees, as per their entitlements, approximately 282 hotel arrangements were entertained during the year.

• Pakistan Citizen Portal (PMDU) was launched in November 2018 by the Prime Minister of Pakistan with an aim to timely address problems of the people. In this regard, Administration Department has successfully resolved all complaints and there is no pending complaint regarding Administration Department.

• Considerable savings were made by accommodating approximately 586 requests for stay of Executives/ Official guests at Lahore and Islamabad Transit Mess instead of hotels.

• To facilitate the passengers of pool vehicles, emergency contact list, First Aid boxes and cards (mentioning assorted articles e.g. prayer mate, mobile charger, back-care etc.) have been placed in pool vehicles.

• Administration Department has successfully renewed 75 lease agreements of hired offices in 2018-19 on existing terms. Around the year, more than 164 rent payments were processed and 24 offices were shifted into alternate better premises, improving the corporate image of the Company.

• It is to the credit of Administration Department that uninterrupted Mobile telephone services to approximately 848 Executives and 81 Subordinates of the Company were provided.

• Despite poor law and order situation in some parts of the Company's franchise area, special efforts have been made to ensure the safety of the Company's assets by improving coordination with respective government departments / law enforcement agencies and deployment of additional resources particularly in KPK and generally in all regions.

• Administration Department has played lead role for improving social networking among the Management, Executives and Subordinate staff by arranging various events of religious and national importance like Eid Milad-un-Nabi, Eid Milan Party, Independence Day Celebrations, Iftar Dinner etc.

• To ensure up keep of our offices, janitorial and gardening services contracts were successfully executed at all regional office as well as Head Office, in accordance with PPRA rules.

Administration Department believes in continuous improvements with regard to its facilitation as well as monitoring role to effectively contribute its share in Company's growth in the days to come.

**ANNUAL 2019** 



Billing Department is taking every possible step to ensure improvement in quality of billing, effectiveness of reporting and maximizing recovery. Different initiatives are also being explored including training sessions, development of applications, generation of reconciliation reports, standardization of reporting techniques etc so that timely action can be initiated to achieve the Company's goals and objectives.

Billing Department has achieved 98.26 percent of desired targets against KMI based UFG benchmark introduced by Oil and Gas Regulatory Authority (OGRA) related to disconnection/recovery from consumers involved in pilferage/theft of gas. In addition to this, all out efforts are being carried out to ensure processing of Meter Inspection Reports and accordingly around 750.000 detection cases were finalized in FY 2018-19. All cases requiring charging of theft/non-theft volumes are processed expeditiously and same were incorporated in system so that timely recovery could be ensured. To contribute towards UFG reduction goal, 1.443.596 complaints were noted at site and forwarded to Distribution Department for necessary action.

As Company is striving to ensure automation regarding different aspects of business process, Billing Department is also contributing towards its part in this regard. Accordingly, in the first phase regarding automation of PFC consumer billing, balances of all PFC consumers have been updated in system along with other requirements for future development by IT/MIS Department and bills to these consumers are being issued through centralized system i.e. CC&B. Furthermore, for expeditious and prompt response, comprehensive OGRA complaints management system development initiative has also been taken by sharing pre-requisites with IT/MIS and RA Departments.

Effective and extensive recovery campaign has been launched against active and litigant consumers to maximize recoveries against outstanding dues. In order to maximize recovery from disconnected defaulted consumers, besides recovery through Contractors and Recovery Suits, the decreed cases are also being referred to respective Revenue Authorities, under Section 27 (2) of Gas Theft and Recovery Act, 2016. Accordingly, applications of 4,442 decreed cases having outstanding amount of Rs. 7.885 million against defaulted disconnected consumers have been filed with District Collectors in all Regions for recovery as arrears of land revenue. It is apprehended that course of action to recover decreed amounts in recovery suits through respective institutions/revenue authorities will extensively increase chances of recovery from defaulted consumers as land revenue authority is equipped with all legal tools and hence in a better position to trace and auction properties of the judgment debtors/defaulters. Recovery efforts regarding different categories of consumers are presented hereunder:

• Special emphasis has been given to recovery drive regarding liquidation of outstanding dues from active commercial and domestic consumers resulting in reduction in arrears to the tune of Rs. 343 million against active commercial and domestic consumers.

• As a result of continuous follow up regarding recovery from litigant consumers, an amount of Rs. 2,331 million has been recovered on account of vacation of stay against system gas tariff.

• Owing to hectic efforts and close liaison with District Collector Office, an amount of Rs. 47 million has been recovered from old disconnected consumers.

 As a result of continuous follow up with Pak Army, PAF and other government consumers like Punjab Police, Jails, PWD, CDA etc. a recovery of Rs. 3,360 million has been materialized.

Consumers are most valuable stakeholders for the Company and it is our prime focus to serve them with fairness up to their entire satisfaction regarding meter reading and billing. In addition to printing of images on the monthly gas bills, date and time of the same has also been included so that verification of meter reading could be more specific and comparison could be easy. This has resulted in reduction of consumer's complaints while also improving their confidence towards company's image regarding transparency and integrity. To ensure accuracy,

cross verification activity of meter reading is also carried out and accordingly 3,370,869 consumers are cross checked through different means including HHU-CC&B Application and physical visits. Special attention is being given to complaints lodged by consumers through PMDU and/or 1199 to ensure prompt resolution/ response within stipulated timelines.

Billing Department is focused on its prime objective to ensure issuance of accurate billing to its valued consumers by employing state of the art tools and technique in line with vision of the Management to achieve organizational goals. All out efforts are being exerted to ensure transparency and endorse good name for the company.

## L CONSTRUCTION



In continuation of preceding years' accomplishments, Civil Construction Department has completed numerous projects of capacity enhancement, infrastructure upgradation and establishment of modern structures to cater corporate requirements of the Company. Details of notable projects completed in the Year 2019 are as under.

#### CONSTRUCTION OF BILL PRINTING SETUP AT MANGA:

Being the largest consumer based Gas Supply Company, a separate and explicit setup for printing of consumer bills has been established at Manga with all industrial facilities to meet the requirement of massive printing.

#### **EXTENSION IN COMPANY'S ARCHIVE:**

Country's first Multi-tier Archive System

for safe storage of Company record has been established in Manga making the existing capacity Company's storage twofold and establishing more efficient and systematic method for storage and retrieval of record.

#### SUPPLY OF 120 TON CHILLER AT HEAD **OFFICE:**

To increase the efficiency of existing Heating Ventilation and Air Conditioning (HVAC) System of Head Office, a new Air Cooled Chiller with Capacity of 120 Ton of Refrigeration is being installed to keep the working comfort of employees at best level as well as fulfilling the upcoming requirements in case of deploying more manpower at Head Office Building.



A healthy business is always evolving, and its Finance Department is in-charge of preparing and evaluating budgets that address the issue of how you proceed for new projects. Business may also have slow times of the year or periods when foreseen and unforeseen circumstances hurt the bottom line. Finance Department is responsible for laying out a clear plan for navigating this tricky territory.

In any organization, Finance Department can be a catalyst for improved business performance by providing actionable information to a company's most valuable assets – its leaders. Leaders possess a keen knowledge of the marketplace and critical competencies. They combine their market knowledge with internal company information to make operational, tactical and strategic business decisions. The sum of these decisions dictates how well a company performs.

At SNGPL, Finance Department is responsible for preparation of Annual Budgets to support business operations and assessing feasibilities of new initiatives. The department also ensures accurate, timely, efficient and effective discharge of budgetary controls functions in line with the prescribed regulatory framework.

Beside the routine tasks carried out throughout the year, following significant achievements were made in the year 2019:

#### **Reduction in Capital Work In Progress:**

Sanction of budgets without follow-up for its completion may lead towards the pilling-up of Jobs in Progress. To avoid this situation, extensive follow-up is being made with the executing departments, due to which outstanding distribution development jobs in CWIP (i.e. issued till FY 2014-15) have reduced by approximately 90 percent from 1,400 in 2015 to around 110 in 2019.

Besides, following initiatives were also taken, for adoption of ERP based solutions, as per vision of the Board of Directors:

### Monitoring of Completion Reports Through Oracle Financial System:

Completion Report (CR) is an important tool used for budgetary control and to reconcile the material consumption and other expenditures incurred on the Job with that of appearing in the financial / perpetual inventory record. Specific timelines are also defined and communicated, time and again, regarding preparation of Completion Reports and its submission to Finance Department, after resolving all the reconciliation issues.

After implementation of Oracle Inventory System in 2013, Finance Department, with the help of IT/MIS Department, had taken initiative for development of work around solution for preparation of Completion Reports through



#### **Oracle Inventory System:**

• In the first phase of development, only one annexure of the Completion Report i.e. Material Reconciliation Statement was developed and implemented successfully.

• In the second phase, the utility was extended to the other information so that the complete Completion Report could be prepared through Oracle Financial System.

Now, moving forward and keeping in view of the importance of swift follow-up, another facility is added to the utility, which mainly suffice the purpose of housekeeping of completion reports at Finance Department but at the same time it is helping respective quarters to view different types of reports related to completion reports, through Oracle Financial System. The above utility is also fulfilling the purpose of "digitized system to generate alerts regarding pending completion reports", as directed by the Audit Committee of Directors in its 96th meeting.

Following are the some of the targets, set to be achieved, in Year 2020:

- Development of ORACLE based, work-around solution for monitoring of Capital Jobs in Progress;
- Development of ORACLE based, process flow for processing and circulation of request for jobs;

• Phase-IV – Completion Report-Work Around Solution: Development of utility for preparation/ communication of exception letters/reports.

## ANNUAL 2019 HUMAN RESOURCE (HR)



#### Focus of Human Resource Department

Human Resource Department of SNGPL always endeavours for welfare and prosperity of its employees by promoting healthy working environment and sufficient monetary benefits enabling them to effectively meet rising cost of living. All efforts on part of HR Department are made to ensure industrial peace and maximize productivity of the workforce through development.

#### **Recruitment of Executives**

Human Resource Department is proactively playing a vital role in implementation of merit based recruitment system to provide a better workforce to contribute towards achievement of the Company's goals. After completion of all formalities of recruitment process in Executive cadre, appointment letters of selected candidates are being issued. This recruitment will allow all departments to overcome the workload issues while improving quality and efficiency in work.

#### **Promotions of Senior Management**

Promotion process against Senior Management positions has been successfully completed. During 2019, total of three executives were promoted to Grade IX and 18 executives were promoted to Grade - VIII.

#### **Career Progression Process**

M/s Narejo HR (Pvt.) Limited was engaged through competitive process to complete preparations for career progression of Executives of Grades III-VI for current year. In this regard, Potential Assessment Test (PAT) was successfully conducted in September and October 2019 for 403 Executives.

#### **Recruitment of Contractual Executives**

A competitive process of hiring of head hunters for recruitment of Contractual Executives was applied and services of Had Hunters are being utilized to ensure transparency and merit.

#### **Employees Performance**

HR Department has successfully processed 1,517 Annual Performance Appraisals Reports of Executives for the period 2018-19 for timely disbursement of annual increments.

### Motivating Employees to Improve Skills and Capability

21 Executives and 103 Subordinate were awarded increment on improvement of qualification in 2019.

#### Long Service Award

To honour loyalty and commitment of our employees, the Company rewards long term Company service with a token of appreciation. This year, 93 Executives and 396 Subordinates have been given Long Service Award for rendering 10, 15, 20, 25, 30 and 35 years of service.

#### Referendum

Recently referendum was held peacefully under the supervision of NIRC without any untoward incident.

#### CBA Agreement FY2017-19

CBA Agreement for the FY 2017-19 was finalized in a peaceful manner and salaries of all career term employees were increased accordingly.

#### Haj

80 employees are facilitated to perform haj on the Company's account.

### Internal Election of SNGPL Employees Union FY2019-21

HR Department in coordination with Admin Department facilitated the election process at all 71 polling stations. The elections were held peacefully and without any unpleasant incident.

#### **UFG Control Activities/Disciplinary Actions**

Company is taking strict action against employees involved in UFG losses. During calendar year 2019, the accused employees were awarded severe punishments in 26 cases based on the extent of guilt established on their part, on account of gas theft.

## HEALTH, SAFETY AND ENVIRONMENT (HSE)



To ensure that SNGPL's Health, Safety and Environmental Policy is systematically applied and best industry practices are adopted within all operations, the Company has developed an Integrated HSE Management System (IMS) based upon ISO 14001:2015 and OHSAS 18001:2007 standards.

- HSE infrastructure at SNGPL is divided into 33 sites of operational departments. Incharge of each site is designated as HSE Focal Point. Each HSE Focal Point is responsible for implementation of the Company's HSE Management System through line management under his domain.
- In compliance to Company's HSE Policy, a systematic Management Program is introduced by developing procedures and guidelines for all operational activities across the Company.
- Monitoring and measurement is carried out as per standard through HSE Internal Audits and Surveillance Audits by certifying body to evaluate effectiveness of the Company's HSE Management System. This reflects the Management Commitment towards implementation of HSE Management System.
- Health, Safety and Environment Department has developed 35 procedures duly approved by the management based upon operational activities of the Company and circulated across the company for implementation in true letter and spirit. These procedures are also available on Company's web portal for easy access.

In order to monitor compliance of ISO 14001 / OHSAS 18001 Standards, surveillance audits are conducted by M/s United Registrar of Systems (URS) bi-annually. Successful conduct of these audits demonstrates effectiveness of HSE Management System. Management's commitment towards HSE is highly appreciated by the Auditors. It is pertinent to mention that SNGPL has upgraded the Management System to ISO 14001:2015 version through inhouse resources. Third party audit of total ten (10) sites was carried out this year.

HSE Department also organizes medical camps on regular basis to promote Health Care Awareness and on spot health screening of employees. It provides excellent opportunity for promoting awareness about the general HSE related initiatives as well. This year, HSE Department organized Medical Camps at Sialkot-D, Mardan-D, Peshawar-D, Rawalpindi-D, Shiekhupura-D, Wah-T, Sargodha-D and Lahore-T. Medical screening tests of Diabetes, Hypertension, Hepatitis B&C, Eye Refraction and Bone Scanning were carried out. 1,981 employees were screened at these camps. Response of employees was very encouraging who participated enthusiastically and also got printed material on general and work related diseases and safety measures. Occupational Health risk assessment is a very important tool to monitor and advise any health risk which provides input for developing suitable controls



before any outbreak.

SNGPL, through its core values and HSE policy, thrives to provide a safe work environment for its employees. In order to improve fire fighting capabilities; fire hydrant systems with automatic pumping arrangements as per NFPA code / IAP Rules have been commissioned at several company locations. Installation of new fire hydrant systems have been carried out at Multan and up-aradation of various existing fire hydrant systems of the Company is also in progress for dealing with fire related emergencies more efficiently. Smoke detection systems have been installed and made operational at Compressor station BC-1 Manawala and Central Meter workshop. Such advancements not only make us self-sufficient in its response and ability to meet fire emergencies but also act as boost for the workers who consider themselves safer. 83 evacuation and fire drills have been carried out across the company during the year 2019.

As a good corporate citizen with a vision to prevent and protect the health of its employees and contractor staff and in compliance with the requirement of Occupational Health Surveillance, SNGPL has made its Occupational Health Mobile Unit operational this year. It has started its operation in the last quarter of 2019. Its first activity was conducted on September 27, 2019 to cater for Central Metering Workshop staff. This in house occupational health facility will help us to have valid, unbiased lab results and to prevent loss of employee's work time required for visiting hospital and laboratories. Faisalabad (D&T) and Sargodha were covered in the last quarter with total employees covered reaching to 693. HSE Training are imparted to the Company's Executives and staff with the prime objective to learn, refresh and update HSE knowledge and skill to continually improve on their HSE

performance at work. SNGPL, being member of 'National Safety Council', which is a non-profit organization with mission of saving lives by preventing injuries and deaths at work, in homes and communities, and on the road. During 2019, more than 13,000 employees have been trained for HSE modules in 813 number of sessions.

In addition to this, HSE Engineers are the International Member of American Society of Safety Professionals (ASSP). ASSP is a global association and premier leader for Health, Safety and Environment (HSE) professional. SNGPL actively participated in 3rd Professional Development Conference (PDC) on Occupational Health & Safety (OHS) under the flag of Pakistan Chapter of the American Society of Safety Professionals (ASSP), at Royal Palm Golf & Country Club, Lahore with the theme of "Breaking Barriers to Safety Culture". SNGPL was one of the major sponsors of this event.

HSE Department successfully installed / commissioned Close Circuit Television (CCTV) Cameras at 13 Customer Services Centers (CSCs) of 02 Regions (Lahore and Sahiwal) out of total 85 CSCs. Performance of CCTV camera systems was evaluated as satisfactory as it fulfilled the desired requirement. Further installation of CCTV Cameras is in progress. Remaining sites are also being pursued and are at different stages of installation / procurement.

Keeping in view the energy crisis, SNGPL is committed to conserve energy by optimum utilization of energy. Energy conservation initiatives are being looked after by HSE Department. The Company strives to preserve resources for the future and reduce environmental pollution. SNGPL makes extensive efforts to reduce energy consumption in its own operations as well as convince its consumers on efficient utilization of energy



through improvements in processes, use of energy efficient equipments and changing life style.

HSE Department also arranged awareness walks on energy conservation in coordination with educational institutions. In this regard, a Conservation walk was organized in Rawalpindi in the month of December which was led by Roohi Sarwar Khan, Chairperson, SNGPL Board of Directors. Amer Tufail, Managing Director SNGPL along with Senior Management and other officials participated in the walk. Another walk was organized in Lahore from Hussain Chowk to Liberty Chowk in collaboration with University of Engineering and Technology (UET), Lahore and Rescue 1122. Similar Walks are being scheduled to be conducted in all regions during the current Winter season. In addition to promoting awareness among the community, SNGPL is installing Energy Conservation Devices (Geyser Timer Device and Solar Water Heater) upon the request from the consumer, in order to conserve energy / gas consumption.

SNGPL is committed to preserve the environment by complying with all applicable laws and codes. A procedure for environmental monitoring is part of Integrated Management System Manual. In addition, emission tests of stacks, generators, vehicles and welding plants are carried out as per frequency using either in house resources or third party services.

SNGPL has developed in-house resources for monitoring of emissions using state-of-the-art portable equipments like LANCOM, TESTO, IMR. A vehicle installed with Crypton emission analyzer equipment has been specially designed for emission monitoring in addition to portable devices. Emission testing of 2,150 vehicles (Company owned and hired), 190 welding plants, 30 compressors and 80 generators was performed through these equipments. Environmental impacts of these emissions are covered in environmental risk assessment (wherein the current controls and preventive measures are suggested).

Celebration of HSE Week across the Company was a new initiative which left a measurable impact on Company employees for carrying out their assignments safely and efficiently. Another new initiative introduced by HSE Department is Safe Working Man Hours. SWMH is an internationally recognized motivational initiative to check the occurrence of accidents and to recognize / reward those who have achieved certain milestone i.e. consecutive work hours without an occupational injury /ill health resulting in days away from work. This tool would help reduce work related injuries and provision of safe working conditions to our workforce. Carbon foot print is another new concept being launched in the Company. A baseline of energy utilized and CO2 emissions would be determined to calculate Carbon Foot Print of SNGPL and opportunities for reducing and offsetting Company's Carbon Footprint would be identified through energy conservation. This initiative would not only improve the environmental conditions but also would reduce the excessive energy consumption in various Company operations.

To show its commitment towards implementing HSE Policy across the Company, Management Review Meeting headed by Managing Director is conducted bi-annually for periodic review and evaluation of HSE management system.

Being a responsible Company, SNGPL carries out multiple activities for enhancing the quality of life of the community in which it





operates. Corporate Social Responsibility (CSR) policy of the Company, approved by the Board of Directors, is in line with the laid down principles of Securities and Exchange Commission of Pakistan (SECP) and covers all aspects of CSR. SNGPL CSR Policy focuses the areas of Health, Environment and Education for the less privileged / under developed community in its area of operations. Conservation of environment is a major objective of SNGPL Corporate Social Responsibility policy. SNGPL is a corporate partner of Worldwide Fund (WWF) for this purpose.

SNGPL has also taken initiative of Tree Plantation. The purpose of this initiative is to contribute towards Cleaner and Greener Environment. SNGPL has partnered with forest departments of Punjab and KPK for tree plantation at Changa Manga. SNGPL has successfully completed the target of plantation of 100,000 trees for FY 2018-19 in partnership with Forest Department and WWF-P.

Every year a sizeable amount is spent to carry out schemes related to new projects based on these initiatives or for the ongoing projects. SNGPL's primary focus in selecting a project is to ensure that maximum benefits of the project passes on to a larger community.

SNGPL has been registered with United Nation Global Compact (UNGC), in order to align its sustainable initiatives with its operations for the benefit of the society and environment. SNGPL has submitted its 2nd Communication on Progress (COP) / Annual report (on GC Active level), based on the principles of Human Rights, Labour, Environment and Anti-corruption to United Nations which has been accepted.



**30**|**₿**PRIDE

## IT/MIS



"Technology enables organizations to deliver a consistent message and experience, while still offering the flexibility that empowers employees in their benefits experience," says Chris Bruce, Co-Founder and Managing Director at Thomsons Online Benefits, speaking about the merits of a digital employee benefits strategy. Business Process Automation (BPA) is assumed to enhance organizational efficiency by decreasing level of effort and elimination of redundant processes and procedures. As 2019 unfolded, the Management focused on the optimum utilization of IT Resources to achieve maximum benefit out of them. IT/MIS Management not only worked on exploring new avenues of business automation but it also shifted gears by speeding up specialized trainings and hand holding sessions.

The Department takes this opportunity to briefly discuss the noteworthy accomplishments made in each domain during 2019.

#### Oracle Enterprise Resource Planning (ERP)

SNGPL has been using Oracle E-Business Suite as its ERP system to bundle together its business processes. The journey which started with implementation of Oracle Financials now comprises of HR, Payroll, Inventory, Purchasing, Enterprise Asset Management and Project Management modules. Most of the business processes relevant to Supply Chain, Human Resource Management, Financial Management, Assets Management and Projects Management have been automated through ERP. It has not only confined the data along with processes but also improved the work flows by aligning different departments which resulted in significant bottom line savings. There are 1,607 current active users and the number is continuously increasing. In-House initiatives by the ERP team comprising of functional and technical resources has led to huge savings.

Enhancements done in ERP in 2019 are mentioned below:

### Enterprise Asset Management Module- A step towards Optimized Asset Utilization

Functionality	Automation Description
Maintenance Activities of Compression Station	eAM is being implemented at AC-8 Faisalabad. Expected completion is in February 2020. All remaining compression stations will be automated according to the finalized set up configured in AC-8.

### Supply Chain Management through Inventory and Purchasing Modules of ERP

#### Inventory

Functionality	Automation Description
Elimination of Centralized Batch Processing	Centralized batch processing of MRV and ISST documents was replaced with onsite auto-processing providing real time picture of on hand stock in the stores.
Restriction on Negative Balance	Negative balances were restricted at 14 store locations. It is another milestone achieved towards minimization of slow / non moving items.
e-MR/e-MRV at Project Camps	Introduction of e-MR and e-MRV at Project camps is the last step of automation of the activity.
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#### Purchasing

Functionality	Automation Description
Automation of Purchasing Process	Implementation and rollout of e-LPR / e-Indents through Purchasing module of ERP in all regions and project locations is step forward towards complete automation of purchasing process.
TA/HA Payment	Configuration of Expense report to be utilized for TA/HA payments/claims of all executives/SN/Casual staff.



Rollout of eLPR, Trainings at SNGTI for head office users and on site for regional users

#### **HRMS Modules of ERP**

,	• HR	
	Functionality	Automation Description
	Fact Finding Inquiries	Configuration of structure for entering the data pertaining to Pending Fact Finding Inquiries in Oracle HRMS module of ERP.
	Legal Cases	Configuration of legal cases of SNGPL being handled by HR was defined. The system tracks case correspondence from end to end.
	Succession Planning	Strategy for identifying and developing future leaders in the company - at all levels has been configured in HRMS. Automation of Succession planning is useful for addressing the inevitable changes that occur when employees resign, retire, are terminated or ill, or expire.
	Promotion Charts	Promotion charts are being automated in HR module and will be completed by January 2020.

#### Payroll

Functionality	Automation Description
Swift Transfer of Salary to Banks	Swift transfer of salary to banks will enable Accounts Department in achieving their target of Swift transfer of monthly salaries by directly transferring the salaries from main bank accounts to employees' salary accounts (both executives and subordinates) instead of routing through respective area imprest account.

#### Capacity Building and Research Work

With all the above mentioned activities, two of the ERP team members while upgrading their degrees, completed research work on ERP in SNGPL with the following titles:

- Impact of Change Management Initiatives in reducing resistance to change- ERP Implementation in SNGPL by Sarah Ali for

#### MS-TQM.

- Impact of ERP Implementation on Organization Performance-Case study SNGPL by Irfan Abid for MBA-IT (2.5 Years)

In addition to above mentioned achievements and 24/7 support to business users of all modules to different departments (including Finance, Accounts, Stores, Procurement, HR, Admin, Transmission, P&D, Project-MC etc.), IT/MIS ERP team is also exploring the other modules of ERP complying the management's vision of provision of best solution in the market like time and labour, self service HR, performance management etc.

#### **Oracle Customer Care & Billing (CC&B)**

Since the implementation of CC&B in SNGPL in 2009, IT/MIS has not only provided 24/7 support but has also introduced enhanced features in the application. Currently the user count has reached 2,356 (synced with Two-factor authentication) which is continuously increasing. Below are the functionalities configured in 2019:

• Smooth Upgrade To Oracle CC&B 2.6 The original implementation of CC&B system in SNGPL was performed by Oracle in 2009 and the project was completed in 18 months. Since 2009, Oracle has released a number of newer versions with latest being CC&B version 2.6. As the Executives and Staff of IT/MIS have been using the system since 2009 therefore they have developed significant expertise and skill. GM (IT/MIS) assigned a core team to study official documentation available at Oracle and master the process to perform CC&B upgrade. Once the decision was made to perform in-house



upgradation, multiple project teams including CC&B Technical Team (comprising of Database Administrators, Systems Administrators and Developers), CC&B Operations Team (comprising of Functional Experts of bill generation and payment handling), CC&B QA Team (blend of Quality Assurance Analyst, testers and CC&B Functional expert) and CC&B Training Team (comprising of CC&B Configuration and Domain Experts) were established to work in parallel for successful upgrade within the defined timeframe after preparing a project plan and timeline. Progress status review was carried out on weekly basis to keep the project on track. With all the checks in place and a beaming morale the go live activity was started on scheduled time. CC&B services

were stopped and the activity was started. The upgrade was performed smoothly and the first instance of CC&B 2.6 was available. The Department's job did not end here. As soon as the system was live, the Department wore the support cap and started helping users in using the upgraded system.

### • KMI Incorporation as Per OGRA Requirements

In order to achieve operational excellence, OGRA has proposed a roadmap with specimen Key Monitoring Indicators (KMI). Any appropriate and serious effort towards UFG reduction is linked to the achievement of KMIs. IT/MIS CC&B team has developed certain enhancements to accomplish KMI targets:

KMI No.	System Development	Impact
KMI # 20	Vigilance Module for Domestic- Active consumers	To Re-inspect Domestic Disconnected consumers across the network. ITMIS has implemented the solution, a Field Activity to handle Vigilance Activity of Domestic Disconnected Consumers. This will enable business users to record Data and generate System Reports.
KMI # 21	Maintain and Leakage rectification at all TBS/DRSs on biannual basis.	TBS /DRS Inspection, Maintenance and Leakage Rectification activity was being carried out, out of CC&B. Subarea wise TBS Account IDs generated for TBS /DRS Inspection, Maintenance and Leakage Rectification activity. A Field Activity will be generated on bi-annual basis for TBS /DRS Inspection, Maintenance and Leakage Rectification. This will enable business users to record Data and generate System Reports.
KMI # 4,5,15, 18,19,21,30	Correction of Data Anomalies	Distribution department sent data inadvertently wrongly posted or correction.



Demonstration of Mobile App functionality to be used for Physical Count

• System Configurations as per OGRA regulations In addition to continuous support on Billing, CS and Sales activities, time to time configurations are being defined to incorporate regulatory requirements. Detail is as under:

System Development	Impact
Automation of PFC Manual Billing & Consumer Balance Breakdown	In first phase, billing of PFC Consumers is implemented in CC&B production environment. To implement Second phase, IT/MIS has deployed functionality on UAT to capture / segregate consumer balances and automate all amounts manual adjustments against components mentioned below i.e. GIDC, System Gas Tariff, RLNG Gas Tariff, Cost of supply, Litigation etc. Relevant training has also been imparted to Billing Users.
Integration and Improvements in CC&B - Integration of CC&B (FGF) with HR Module	This functionality will result in allowing only valid employee numbers in CC&B verified from Oracle HRMS Module for FGF consumers.
Leakage Complaints - Marked as Critical	Leakage Complaints are marked as Critical. Earlier all complaints were marked as normal.
Procedure for Tracking Theft / Stolen Meters in CC&B	ITMIS implemented the functionality to track Stolen/Theft meters in CC&B. So that any suspected or New Meter stolen could be searched from a single point.
CNIC Verified (Received via 1199)	Provisioning in CC&B for entry of CNIC by Sales received through Call Center 1199
Energy Conversation Devices (Solar Water Heater and Geyser Timer Device) for Non- Consumers of SNGPL	Facilitating Non-Consumers by defining provision in CC&B
New security deposit amount of Rs. 15000 for RLNG-Domestic Consumers	Updated Revised Security Deposit amount for RLNG-Domestic Consumers
Application of Pressure Factor to Domestic Consumers	As per BODs instructions and under agenda pertaining to pressure factor, amendments are carried out in CC&B Tariff Structures for Domestic category including Domestic RLNG (DOM, DOM_OTH and DOML) to calculate information
OGRA Notified Tariff Updation in CC&B	Domestic Sector Tariff -Benefit of one previous/preceding slab revised Withholding Sales Tax Rates: Amendments in tax laws through Finance Act, 2019)

#### **34**I**₿**PRIDE

#### Automation

- IT/MIS has made software development efforts and modified existing Billing Batch job for the first time after the upgradation of CC&B using the custom development functionality available in the upgraded version of CC&B. This is the major achievement and change is implemented as advised by the Management.

- IT/MIS is continuously striving to find out the ways to make the CC&B processes more efficient. The Department has developed various batch jobs and BPA Scripts like posting of Billable Charges, corrections in GCV/SMS Codes and handed over to Business Department with proper training which will enhance the efficiency of users.

#### **Bill Processing / Printing / Dispatch**

Bill printing is a specialized job and IT/MIS prints more than 6.7 million bills every month. In order to meet the huge bill printing requirements, IT/MIS has built a dedicated, bill printing facility at SNGPL Manga, with systematic flow of bill printing activity, from receiving of pre-printed bills to dispatch of the printed bills. IT/MIS has established a purposely-built facility to manage bill printing activity including a dedicated paper storage, a proper sorting area and dispatch area.



#### **SNGPL- Website Activities**

Regular updates to keep the information updated on the Company Website which includes:

- SNGPL Newsletter "The Pride"
- Energy Conservancy Campaign
- SNGTI Training Schedule
- New Connections Merit
- About 2,600 Tender Enquiries

#### **Provision of IT Equipments**

In 2019, IT/MIS continued to provide latest IT equipment to organizationwide users. IT/MIS strive to procure latest technologies being introduced in the market through continuous market surveys. A brief summary of procured IT equipments in 2019 is given below:

Sr. No	Item	Qty Issued
I	HHU's	422
2	Laptops	220
3	PC's	613
4	Printers	213
5	Scanners	121
6	UPS	370
7	Total	1959

#### Infrastructure Monitoring and maintenance

IT infrastructure monitoring is the deployment of a built-in knowledge base to automatically diagnose performance and availability problems across the technology stack before productivity is compromised. IT/MIS team puts in tremendous efforts to enhance its infrastructure with latest and secure solutions available in the market. The projects completed in 2019 are as follows:

# BM Spectrum Storage Suite

System Development	Impact
Up gradation of Backup and restore System	Existing System is Upgraded with advance features like LAN-free backup (to enhance backup and restore performance and other performance) and security features (provide shorter backup and recovery times and less disruption to other systems).
Implementation of Data De-duplication	De-duplication implementation helped in efficient storage allocation, Cost savings, Network optimization, Data center efficiency and faster recovery and continuity.
IBM All Flash 9100	To meet the operational needs and performance requirements, IT/MIS has recently procured the latest Flash System 9100 based on IBM storage technology viz a viz FlashCore NVMe Module.
Upgraded SNGPL Email infrastructure	ITMIS Department has Shifted/Migrated its Critical Email Infrastructure Such as Company Email, Mobile Email Services from 32bit processor Server Architecture into 64bit which is more powerful, secure and stable platform available today for servers.
Enhancement x86 Based Servers Memory (RAM)	SNGPL has virtualized its 98 percent of x86 Server infrastructure into virtualization to step towards building its own private could using VMWare's.

System Development	Impact
Upgraded Applications / Operating Syste	ITMIS is also updating its application/operating system with time to time to keep up-to-date and also get the latest features. Recently TrendMicro Server Antivirus, VM Ware vSphere Operating system, Bluecoat advanced secure gateway application/ operating system updated to latest build.
Email Services Setup on DR Site	Email disaster recovery is a critical part of IT security. Keeping in view of the Email sever criticality ITMIS Setup an Environment of Its Email Services such as (Web Email (www.sngpl.net), Desktop (Lotus Notes) and Mobile (Lotus Traveler) on Disaster Recovery site. In case of any disaster email services can be available on DR site with minimum downtime.
Deployment of Video Wall at DRC Manga	Network Operations Centers (NOCs) are central locations to monitor data center operations and network infrastructure to detect and resolves incidents, and ultimately ensures data center availability. Video wall systems help our NOC staff to monitor systems which can ultimately provide an overview of the complete infrastructure at any time. NOC staff can monitor networks, video streams, alarm systems, and other critical content on a dynamic central display.

Future Projects Mobile, social, cloud, analytics, the Business of IT; these macro forces are behind many of the digital technologies IT/MIS teams are working on.



Hard Drive vs. SSD vs. NVMe



Video Wall

**36**I**₿**PRIDE


# **NO HAVEN FOR GAS PILFERERS**

# **MASSIVE CRACKDOWN AGAINST GAS THEFT!**

# LOCATION: KHANPUR (PUNJAB) BAHAWALPUR REGION

Offence: Supply of Gas to houses through illegal Gas Pipeline. Action: Joint operation of Punjab Police Special Branch and the team of Sui Northern Gas (Bahawalpur Region) Confiscation of all equipments and material from place of occurrence Registration of FIR against accused persons at Khanpur City Police Station



Be a responsible Pakistani – Report Gas Theft on 042-99202432 - 042-99201832 (Between 9am and 7pm)

Informer's identity shall be kept confidential



سوئی ناردرن گیس Sui Northern Gas



Law Department is working jointly with the rest of the departments in order to achieve the Company's common objectives and to ensure that the Company's activities are in conformity with all applicable laws and regulations.

Law Department provides legal support in handling Company's litigation and consultation services as well as vetting, drafting and negotiation of contracts, tender documents as referred by concerned departments from time to time including handling of other work connected thereto with the commercial transactions of the Company including foreign and local arbitrations etc. It is pertinent to mention that under the leadership of General Manager (Law), the Department has made tangible contribution in term of disposal of court cases and recovery of a sizeable amount from the litigant consumers. Details are shared here for readers of 'The Pride'.

In the Year 2019, approximately 1,972 recovery cases, 952 declaratory cases and 90 numbers of criminal cases were decided by the Courts in favour of the Company owing to dedicated efforts and timely actions by the Law Department. These numbers also include disposal of following high profile cases/disputes as well in favour of the Company:

- Orient Power Company: Recovery of Rs. 400 Million

- Expert determination under Gas Supply
- Agreements with Government Power Plants.
- Tariff related cases of Peshawar Region: Recovery of Rs. 2.3 Billion

- Data Steel Pipe Industries (Pvt) Limited: Recovery of Rs. 248 Million

Apart from the above, an amount of approximately Rs. 4,922 Million (FY-2018-19) has been recovered from the litigant consumers. Law Department has also made remarkable progress regarding encashment of bank guarantees amounting to Rs. 400,314,179 while helping to improve the receivable situation of the Company.

Law Department effectively provided in-house services for vetting, drafting and negotiation with the respective parties for finalization of 44 agreements / tender documents during the Year 2019 pertaining to Transmission, Sales, IT/MIS, Billing, HSE and Treasury Departments.

# **MEDIA AFFAIRS**



The year 2019 was not just another routine year for Media Affairs Department by any means. Apart from handling Public Relations related matters of the Company, Media Affairs Department is responsible for carrying out winter awareness campaign through print and electronic media. The Department had been doing this job for past many years. The Board of Directors and the Company Management, however, wanted the campaign to be more aggressive choosing the medium which has maximum reach in current days. The Company therefore launched Social Media Accounts of the Company on Facebook, Twitter, instagram and YouTube.

The Company's Social Media accounts were received warmly by the consumers. It was noticed that social media has acted as a kind of communication bridge between the Company and the consumers. With the beginning of winters, gas saving devices including Gas Saver Cone and Geyser Timer Device were constantly advertised on all Social Media platforms. For the first time, orders for the devices were booked through social media and more than 60 orders were booked by the Department. Awareness messages on geyser maintenance and general conservation; precautionary measures for using gas equipments and messages against use of compressors were also displayed on Social Media.

The positive aspect of Social Media is that it brought forward the bright face of customer services that the conventional media rarely shows to its viewers. This happened when the consumers started complaints related to gas supply, gas pressure, connection installation and other matters related to the Company Services. The complaints were immediately forwarded to the concerned departments or regions whose immediate action took the consumers by a very pleasant surprise which was reflected in their feedback as well.

Apart from it, the Department continued with its regular awareness campaign through television, print and outdoor media which was very well received by the public. Another addition to the advertisement bouquet was SMS marketing. Media Affairs Department drafted the awareness messages which were then sent to mobile phone numbers of the consumers.

The Department also ensured comprehensive media coverage of all the Company activities particularly major press conferences and visits of Federal Minister or Federal government representatives. Company Newsletter 'The Pride' was also regularly published throughout the year.



# PIGTURES





# ANNUAL 2019 PLANNING AND DEVELOPMENT



In the recent past, SNGPL completed magnanimous pipeline infrastructure project involving approximately 1,100 kilometer pipelines of diameter 42"-16" along with installation of 35,000 HP compression under its Project X for transportation of 1200 MMCFD RLNG in its franchise area in just 30 months record time which is the largest gas industry project in Pakistan. Dedication and commitment of the Company's leadership, planning and design along with procurement and execution team's instrumental approach, their untiring efforts and day and night work enabled the Company to get to the task and get it done in miraculous time. With the energization of LNG terminals in the country and completion of RLNG transport infrastructure, Company has been able to supply uninterrupted gas to all categories of consumers which were previously facing energy deficient situation. Moreover, supply of RLNG to the upcoming economic zones shall propel the country's economy.

The Company has recently undertaken 93 kilometer long 24" dia pipeline from Kabirwala in District Khanewal to Punjab Power Plant near Trimmu Barrage, district Jhang for supply of 200 MMCFD RLNG to Power Plant for generation of 1100-1400 MW electricity on 100 percent cost recovery basis. P&D Department has also got the project approved from BOD as well as from OGRA. All survey activities along with engineering design works and pipeline construction works for supply of gas to power plant have been completed well before time. RLNG supply to the power plant shall be started soon.

The Development of Economic Zones to support industrialization and business development is a priority of Government of Pakistan (GOP). Accordingly, Government of Khyber Pakhtunkhwa is developing Special Economic Zones (SEZ) at Rashakai and Hattar through Khyber Pakhtunkhwa Economic Zones Development and Management Company (KPEZDMC). Similarly, Government of Punjab is developing SEZs at M3 industrial estate and Allama Iqbal Industrial Estate at Faisalabad through Faisalabad Industrial Estate Development and Management Company (FIEDMC) under China Pakistan Economic Corridor (CPEC). Moreover Government of Punjab is also developing SEZ at Bhalwal, Vehari and Rahim yar Khan through Punjab Industrial Estate Development and Management Company (PIEDMC). All the development Companies of the SEZs have demanded gas for their respective proposed industries.

In view of GOP's plan for the development of Infrastructure for boosting Industrialization under CPEC, the Federal Government has identified Rashakai SEZ near Kernel Sher Khan / Rashakai Interchange, M-1 Khyber Pakhtunkhwa and Allama Iqbal SEZ near M3 industrial estate as an early harvest projects and they intend to develop these SEZs on priority.

Provision of gas is one of the prerequisite for operationalization of the zones. KPEZDMC has identified gas requirement of 30 MMCFD for Rashakai SEZ and FIEDMC has identified gas requirement of 40 MMCFD for Allama Iqbal Industrial Estate. Funds for the development of gas infrastructure (laying of pipeline, installation of equipment / gadgets, metering station, detailed route survey and engineering design, civil works and allied material etc.) shall be met out of Federal PSDP.

In order to supply 30 MMCFD gas to Rashakai SEZ, SNGPL has planned a project involving laving of 29.2 kilometer long 16"dia transmission spur starting from Ismail Kot to terminal point (zero point i.e. doorstep) along with construction of SMS cum CMS having capacity of 30 MMCFD at zero point. The project envisages pipeline route surveying, detail design engineering, material procurement, land acquisition and construction / laying of pipeline infrastructure. The land measuring 300' x 170' shall be required for the construction of SMS cum CMS at terminal point of Rashakai SEZ which shall be provided by KPEZDMC authority. In order to supply 40 MMCFD gas to M3 industrial Estate / Allama Iqbal SEZ, SNGPL has planned 15.5 kilometer long 12" dia transmission spur from Chiniot to terminal point (zero point) along with construction of SMS cum CMS having capacity of 40 MMCFD at zero point. Company is also engaged in the planning of the infrastructure required for supplying gas to other SEZs being developed by FIEDMC & PIEDMC.

Over the years, the peak load

requirement on Charsadda Offtake-Charsadda-Tangi-Khazana transmission pipeline network has increased manifolds and has reached upto 35 MMCFD due to continuous expansion of distribution network and consumer base while a further 5-7 MMCFD increase in connected load is expected in near future due to under process RLNG based applications of various prospective commercial, industrial consumers and private housing schemes in addition to in process domestic gas applications on system gas which shall equate to a connected peak load of more than 42 MMCFD. It is worth mentioning here that currently maximum throughput capacity of Charsadda Offtake-Charsadda-Tangi-Khazana transmission pipeline network is 18 MMCFD only (at 900 Psig offtake pressure) while a total of ten (10) SMSs have been constructed on this network. The pressure in main transmission line reduces under peak winter load conditions due to capacity constraints of the network which leads to low / no gas pressure complaints by the consumers in the area. In order to address the acute low gas pressure / no gas issues of Charsadda, Turangzai, Khazana, Tangi, Doulatpura and adjoining localities, P&D Department carried out detailed site survey and design studies which reveals that looping of existing 8" dia / 6" dia / 8" dia Charsadda Offtake-Charsadda-Tangi-Khazana transmission pipeline network with 72.55 kilometer long 10" dia loop lines/transmission spurs (27.75 kilometer long 10" dia from Charsadda OT(Gulabad)-Charsadda, 24 kilometer long 10" dia from Charsadda-Tanai and 20.80 kilometer long 10" dia from Charsadda – Khazana) are required which would improve the pressures in transmission pipelines, thus desired pressures would be maintained at SMSs to meet the downstream load requirement of the areas. The P&D Department has got the project approved from the Board of Directors and has submitted to OGRA for approval. Meanwhile detailed route survey and detailed engineering related activities have been initiated.

During the last few years, residents of Jalalpur Jattan and its adjoining villages are facing acute low gas pressures / no gas issues during winter seasons resulting in several protests from local residents intimidating law and order situation. It is also anticipated an addition of 1-2 MMCFD gas load of Jalalpur Jattan and adjoining localities in near future and an addition of 3-4 MMCFD in gas load of Gujrat City due to already approved gas schemes for these cities under Prime Minister's directive, in-process domestic gas connection applications and various RLNG based commercial/ industrial / housing schemes connection applications, which



would further aggravate the low pressure / no gas issues in Jalalpur Jattan Tehsil during winter season in coming years. In order to address the acute low gas pressure / no gas issues of Jalalpur Jattan City and adjoining localities and keeping in view the anticipated and connected peak loads of existing SMSs on 8" dia Wazirabad-Gujrat transmission segment as highlighted above, P&D Department carried out detailed site survey and design studies in coordination with transmission department which reveals that augmentation of existing Wazirabad-Gujrat transmission segment by laying of 7 kilometer long 16" dia transmission loopline from Wazirabad to River Chenab D/S Assembly shall be required along with laying of a dedicated 20 kilometer long 8" dia transmission line/spur from River Chenab D/S Assembly to Jalapur Jattan and construction of an SMS of 10 MMCFD capacity at its terminal point i.e. Jalalpur Jattan City where it will be connected to the existing 45 kilometer long 8" dia supply main at KM 17. Subsequently, existing supply main shall be disconnected at this location, thereby, resulting in bifurcation of distribution network of Gujrat city and Jalalpur Jattan tehsil as well as alleviation of low pressure problems of Jalalpur jattan. Above described/proposed system augmentation arrangement would also enhance the Wazirabad-River Chenab D/S Assembly transmission segment capacity up to 40 MMCFD making it coherent with the anticipated peak gas load requirements on this segment. The P&D Department has got the project approved from Board of Directors as well as from OGRA. Detailed route survey and detailed engineering activities have been completed. Material procurement activity, land acquisition for Right of

Way (ROW) and its grading activity is in progress. Construction activities are likely to start shortly.

One of the major obstacles in undertaking the above proposed system augmentation for Jalalpur Jattan is approximately I kilometer wide River Chenab crossing which falls enroute to above proposed 8 kilometer long 16" dia transmission loopline from Wazirabad to River Chenab D/S Assembly. Presently, our 8" dia transmission pipeline is crossing river Chenab by installation of Fix/Roller supports on steel structure portion of abandoned highway/railway bridge. This pipeline has been placed in the centre of the steel truss structure. P&D team has designed new crossing parallel to the existing 8" dia crossing using in-house resources in such a way that the existing 8" dia would be shifted to left side to allow enough space for placement of proposed 16" dia pipeline as construction of a new piling structure or execution of this crossing through HDD mode would have been very costly task and would have resulted in exorbitant cost of the whole augmentation project which have been saved by adopting prudent planning of the crossing.

P&D Department has planned augmentation / bifurcation of Lahore distribution gas network for efficiently operating the system at optimal parameters which will not only help in reduction of UFG losses but would also enable the company to alleviate low gas / no gas pressure complaints at far end (especially eastern part of Lahore City) of the network. This will be achieved by laying of 47 kilometer long 24" dia / 26 kilometer long 16" dia spur lines from existing Valve Assembly Phoolnagar to Barki through less densely populated areas of Lahore along its periphery and installation of separate metering / regulation on major supply mains to segregate gas network / loads of Lahore city. Keeping this in view, the Department has also increased three more feed points i.e. SMSs to segregate the network further for Improvement of overall system. Similarly, P&D Department has also planned augmentation of ags transmission system for Bahawalpur through proposing 16" dia loop line from existing A5 (Khairpur Daha) - SMS Bahawalpur for resolution of low pressure problem in Bahawalpur, Lodhran and adjoining localities. P&D Department has got these projects approved from Board of Directors as well as OGRA and detailed engineering and material procurement activities are in progress. Construction activities on these projects are likely to commence shortly.

P&D Department handled a large quantum of distribution development jobs (approximately 1200 kilometers of 6" to 12") by vetting / arranging initial surveys, finalizing proposals and development of drawings for supply of gas to around 300 new localities / towns and societies. The jobs were undertaken / completed with limited resources fully complying with international codes and standards well within the given stringent timelines.

P&D Department's GIS project has traversed several crucial milestones during the year 2019. The Supply-main line's and Transmission line's planning and proposal development is shifted exclusively on GIS maps that are more accurate and reliable than conventional maps. GIS database development and mapping of some major regions i.e. Lahore Region, Sahiwal Region, Gujranwala Region and Sheikhupura City are completed which include all pipelines (4 inches and above) related information as per Distribution Layout Maps (DLMs), while the remaining Regions are in development phase and all Supply main lines will be completed within next few months. The Transmission pipeline network's GIS is completed (all four sections) comprising all information available in Valve notations i.e. diameter, pipeline name, valve assembly, SMS, repeater Station, compressor station and Mile posts. The most important achievement of this fiscal year is initiating deployment of Enterprise GIS system which enables intended users to access all GIS maps of Distribution and Transmission Network on their desktop without any additional training or software installation. Pilot testing of Enterprise GIS Web Application (for both Transmission and Distribution networks) has been successfully done. This Web Application includes basic map navigation tools, map querying tools and map printing options for intended users across SNGPL and its complete deployment will be achieved by the year 2020. This Enterprise GIS Application is a game changer which is going to streamline and centralize all pipeline related information thus providing easy access to all map users across SNGPL's regions. Centralized database will save duplication of effort (same information being collected by different departments/ people) and will present latest information (no need to search for updated versions). Enterprise GIS Application will improve working efficiency and accuracy (eliminating human errors) and enable its users to plan, manage and monitor their respective pipeline segments, areas or regions right on their desktop. All of the users can immediately share their proposed project, designed map or planned activity with concerned Officers/ staff by using digital sharing within a few minutes.

Apart from rendering meritorious services for the nation by providing natural gas to every doorstep by optimally employing technological and organizational resources, SNGPL has also emerged as an EPC contractor in pipeline infrastructure development which is in line with its vision to become leader in natural aas industry. The company has substantial potential to progress its way up in the market as an EPC contractor in the recent years. SNGPL has undertaken and completed contract projects related to pipeline engineering and construction of multinational and national companies operating in the country. Most of the contracts have been awarded to SNGPL on negotiations or single bid basis which shows the trust in high standards of construction maintained by SNGPL.

The Company is engaged in various pipeline construction projects of national and multinational companies. SNGPL is undertaking pipeline engineering and construction jobs of MOL Pakistan's flow line / trunk lines and Fiber Optic Cable in District Kohat / Hangu for different gas fields of MOL Pakistan like Maramzai, Manzalai, Mamikhel, Makori Deep-I, Tolanj West and Makori for the last eighteen years. MOL Pakistan has played a very vital role in strengthening the gas input supplies. Lately, SNGPL has completed MOL Pakistan's job of 22 kilometer long 12"/10" dia pipeline for Mardankhel-I well head and with the completion of this job, additional 40 MMCFD gas has been injected into SNGPL's system. Recently, SNGPL has completed MOL Pakistan's job of 13 kilometer 8" / 6" flow lines Mardankhel-2 & 3 flow

lines and with the completion of this job additional 20 MMCFD gas has been injected in to our system. At present SNGPL is undertaking pipeline engineering and construction jobs including Cathodic Protection of MOL Pakistan's I.2 kilometer flowline and Fiber Optic Cable for Makori Deep Well-2 in District Karak. The completion of this project will not only inject further 10 MMCFD gas into SNGPL's System but would be quite instrumental in reducing the energy deficiency in the country. SNGPL has

PROJECTS

recently completed Pakarab Fertilizer Limited's job of laying of 27 kilometer long 16" /12" dia gas pipeline from GPF at Mari Petroleum field to tie in point near QV2 valve assembly of SNGPL's system on contract. SNGPL has only provided construction services in this project to PFL while engineering and procurement of material lied in the scope of PFL. P&D team ended up with an excellent Construction contract with PFL which yielded profitability for the Company.



Projects Department is entrusted with development of gas pipeline infrastructure required for implementation of vision and mission of company through laying of natural gas transmission and distribution pipelines and allied facilities like valve assemblies and regulating and measurement stations like SMS, TBS and CMS.

With the expertise in pipeline construction up to 42" Diameter, Projects Department also assists the Transmission Department in handling emergency situations.

#### Quantum of work during the year 2019

The work on transmission pipelines which peaked during the earlier years due to laying of LNG infrastructure projects gradually normalized in the mid of 2018. During 2019, Projects Department completed 150 kilometer transmission projects. However, with availability of natural gas brought in by LNG induction in SNGPL's gas mix, the work relating to laying of distribution supply mains peaked and laying of approximately 2000 kilometer distribution lines were undertaken by Projects Department. Some of the noteworthy transmission lines laid during the year included 93 kilometer long 24" Dia Punjab Power Plant, Jhang Line which required laying of pipeline with highly challenging terrain having extreme water logging, highly populated portions, with three major crossings which required Horizontal Directional Drilling (HDD) crossings, three motorway crossings along with roads and canals crossings. The project included a 200 MMCFD capacity SMS cum CMS, which was also constructed by the Project crews along with the pipeline.

50.8 kilometer long 10" dia Daudkhel – Mianwali line is nearing its completion as 96 percent of the line has already been laid and 30 kilometer portion has already been tested hydrostatically. The is likely to be completed in the 1st quarter of 2020.

In addition, 24 kilometer long 16" Dia pipeline for Pak Arab Fertilizer Limited was also laid as a contract project. The line has been commissioned despite a lot of resistance by locals and frequent sabotages of line.

Construction activities on 17 kilometer long 16" Dia pipeline for Quaid-e-Azam Apparel Park are in progress and approximately 85 percent of the line has been lowered. The work on the remaining portion faces some issues however Lands Department is making efforts to resolve the issues. This line is likely to be completed in the coming year.

The project to absorb additional gas from Adhi gas field was also carried out by Projects Department and 11.5 kilometer 8" dia Adhi – Sukkho transmission line was commissioned by Projects Department.

The following SMSs were also constructed during the year:

Sr. No	Name	Capacity (MMCFD)
1	Rojhan	10
2	Punjab Power Plant	200
3	Lodhran	5
4	Strategic Army Base Hospital, Rwp	5
5	Sanawan (Up-Gradation)	5
6	Nilore	2.5
7	Kamalia (Up-Gradation)	10
8	CMS for Strategic Army Base Hospital, Rwp	25
9	Regi Lalma	25

#### **DISTRIBUTION LINES**

The work in hand relating to the Distribution lines is of the extent of 2000 kilometers. To accomplish this mammoth task, several teams were formed and through optimal utilization of the resources, almost 900 kilometer lines were commissioned in addition to welding and lowering of more than 900 kilometer lines. These lines included development phases, operational phases and relocations in heavily populated areas which required great skill and caution for completion of the job. Project Department also contributed in laying of distribution network in difficult areas across Punjab and Khyber Pakhtunkhwa within highly compressed time schedule set by the

#### government.

#### **COATING PLANT**

Coating plant, Uch Sharif, operates 24/7 to supply coated pipe to the construction crews and matched its pace with the production welding at construction sites by ensuring round the clock coating of transmission and distribution line pipe during the year. A total length of 1,250,308 meter assorted diameter line pipe was coated, equaling to 740,709 m2 of three-layer polyethylene coating.

#### MANGA WORKSHOP

Construction equipments are the most crucial and critical resource as they are essential



for delivering the construction goals of the company. Manga Workshop reinforced the pipeline construction crews through timely provision of maintenance services and overhauling of available resources.

In addition to the above, Manga workshop also extended support to field workshops for timely completion of Pipeline Projects. During the year, Manga workshop carried out maintenance / overhauling of Dozers, Excavators, Low bed / High bed Trailers, Prime Movers, De-watering Pumps, Welding Plants and D/Cabin Pickups to keep projects on track and to meet deadlines.

#### **FUTURE PROJECTS**

In order to address the operational constraints, low pressure issues and rapid expansion and development in Lahore city, an augmentation / bifurcation plan of gas supply to Lahore city has been approved. Company has decided to lay following two transmission pipelines under Phase - I of augmentation / bifurcation of gas network in Lahore city. The detail is as under:

• 48 kilometer 24" Dia Transmission Line from existing V/A PhooInagar to Ferozepur Road

• 27 kilometer 16" Dia Transmission Line from Ferozepur Road to Barki

The budget for these lines has been approved and procurement of material is in process. Construction will be started as soon as the line pipe is delivered.

The future projects also include the development of infrastructure / pipelines for supply of gas to Small Economic Zones (SEZs) as per directives of Government of Pakistan. These projects include 180 kilometer pipelines of 10"- 24"diameters for the proposed economic zones including the areas of Rahim Yar Khan, Bhalwal, Vehari, Industrial City Faisalabad, Hattar and Rashakai. The detail of these projects is as follows:

Sr. No	SEZ Name	Project Description	Pipe Dia/ Length	SMS/CMS Capacity (MMCFD)
1	Vehari	Mian Channu (N2) to Terminal Point inside Vehari Industrial Estate	10" Dia x 38 Km	10
2	Bhalwal	MP 66 on C-leg to Terminal Point inside Bhalwal Industrial Estate	10" Dia x 12.25 Km	20
3	Rahim Yar Khan	V/A Jamal Din Wali (Av-7) to terminal point inside R.Y. Khan Industrial Estate	10" Dia x 17.5 Km	20
4	Rashkai	Ismailkot V/A on existing 24" Dia Kohat Ismailkot transmission pipelines to terminal point inside Industrial Estate	16" Dia x 29.20 Km	30
5	Hattar	Kamra C-9 V/A on existing 10/16" Dia transmission pipeline to terminal point inside industrial Estate	16" Dia x 48 Km	24
6	M-3 Industrial City, Faisalabad	CV-3 Chiniot to terminal point inside industrial Estate	24" Dia x 16.0 Km	175
7	Allama Iqbal Industrial City, Faisalabad	CV-3 Chiniot to terminal point inside industrial Estate	18" x 21 Km	150

These projects are under the planning phase and construction on the projects will start as soon as the funding for these projects is received.

In addition to the above, as a part of the project to absorb additional gas from Adhi gas

field, a 28 kilometer 16" Dia supply main from D/S of SMS Rawat to Faisal Avenue near Centaurus, Islamabad is under construction. Once completed, this line will improve the gas flows in Islamabad and Rawalpindi regions.







**48 PRIDE** 

# **RISK MANAGEMENT**

# A POSITIVE ATTRIBUTE OF DECISION MAKING

"Business is a money game with few rules and a lot of risk." – Bill Gates

Risk Management is an essential part of the strategic management of any organization and should be embedded in the ongoing activities of the business. Risk Management provides a holistic view of the risks of an organization considering how to treat and exploit risks and helps you to think about how to use risks as opportunities. Risk Management function has been established in SNGPL to assist and provide guidance to all functional units in implementing efficient processes to identify, analyze and treat risks. The Risk Management function is intended to improve the risk awareness culture within SNGPL and coordinate with all departments for successful implementation of Risk Management Procedures. The ultimate goal of the Risk Management function is the maximization of the organization's value.

The main role of the Risk Management Department is to assist the Risk Management Committee (RMC) of the Board of Directors and the Management of SNGPL to establish a risk management framework that helps in identifying, assessing, mitigating, monitoring and reporting of all potential risks faced by the Company while running day-to-day operations to achieve the desired sustainable growth of the Company. This also includes the development of a culture where risk management is seen as a positive attribute of decision making rather than a corrective measure. The RMC oversees possible gaps in the controls against key risk areas of different departments of SNGPL and Risk Management Department facilitates other departments for elimination of these gaps and also provides assistance to the Management for achieving risk-mitigation targets as directed by RMC. The activities of Risk Management Department revolve around a standardized Risk Management framework and the Department is ensuring continuous efforts for integration of this framework within all business functions of SNGPL which will eventually help identify, assesses, mitigate, monitor and report all potential risks faced by the company while running day-to-day operations of the company to achieve the desired sustainable growth.

To achieve a structured and effective implementation of Risk Management framework within SNGPL, Risk Management Department is engaged in the process of development of risk registers of all departments of SNGPL as per annual plan approved by the Risk Management Committee (RMC) of Board of Directors. The plan has been divided into quarters and each quarter covers a particular phase of the Risk Management framework. Risk awareness sessions, risk identification and risk assessment of all departments are expected to be carried out in the 2nd, 3rd and 4th quarter of the FY 2019-2020, respectively.

However, any high-level risk, upon identification, may be addressed on priority basis irrespective of the proposed annual plan as per current practice. Various contributions of Risk Management Department in line with the directions of the RMC and in coordination with

other departments of SNGPL are as follows:

• Assisted RMC and the Management in developing Risk Management Policy and establishing a formal structure to implement concepts of Enterprise Risk Management and Risk Management framework in line with COSO and ISO 31000. The policy has been approved by the Management and has also been displayed across the head office buildings including the offices at LDA plaza and Shaheen Complex, with plans to circulate the same to regional offices and sites in future.

• Assisted the RMC and the Management in introducing 'Risk Culture' within the Organization by conducting risk awareness sessions at various locations of the company, arranging training sessions at SNGTI, producing publications in Company newsletter 'The PRIDE', and circulating information from the Management regarding Risk Management function from time to time.

• Identified Human Resource Risks within SNGPL and suggested relevant mitigation strategies. Also facilitated HR Department in implementation of those mitigation strategies including:

- Formation of the Organizational Development function within HR Department.

- Training of Customer Services employees through SNGTI

- Implementation of applicable clause(s) of the social accountability standard SA-8000 in coordination with HR Department.

Monitored implementation of

recommendations provided by the consultant that conducted the Management and Litigation Audit of Law Department. Also ensured establishment of a system of periodic reporting to RMC regarding implementations by Law Department in line with the aforementioned recommendations.

• Worked on concepts of cyber security and disaster risk management owing to the importance of both in current era of advanced technologies and growing businesses. These concepts have later been translated into the Business Continuity Plan for SNGPL. The Risk Management Department is also an active member of the Disaster Recovery Team (DRT) which has been formed to ensure development and implementation of the Business Continuity Plan within SNGPL.

• Initiated the process of hiring a consultant, in coordination with HR Department, for Skill Gap Analysis of HR Department which will help provide a detailed insight to the current HR capabilities and skills inventory for each employee working in HR Department and will help define a strategic direction and a plan for HR Department to increase productivity, improve



employee retention and manage the challenges faced by the Department and SNGPL.

• Developed a study on misuse of assets/vehicles in coordination with Audit Department and presented the finding to the RMC on periodic basis.

• Assisted RMC and the Management in reviewing and recommending required modifications of Management Control Systems within Organization.

• Initiated development of Risk Management Information System (RMIS).

• Worked on mitigation strategies for risks involved in contractual agreements of security guards.

• Worked on arbitration and significant amounts stuck by RLNG based consumers.

• Ensured updates and accessibility of operational manuals of all departments of SNGPL to their relevant employees/staff.

It is inexorable that SNGPL would face and subsequently undertake many risks to achieve its objectives. The practice of implementing Risk Management framework and establishment of a risk culture at SNGPL will help for the realization, gradual acceptance, ownership and development of tolerance for risks at the organizational and departmental levels. There should be an examination and analysis of both current and emerging risks at each level of SNGPL's annual business planning process. This would require consideration of those risks that might arise in the longer-term planning horizon. Identification of emerging risks during strategic planning will be more important than acknowledging the current risks inherent to the business.

# **SALES**



#### **RLNG Based Business Development**

Following the resolve of the Company, maximum sale of RLNG to various categories of consumers was ensured which manifested in form of commendable performance in making RLNG allocations to prospective industrial, captive power and commercial consumers. It has helped in boosting image of the Company with reference to provision of quality services to its esteemed consumers. Apart from above, continuous liaison with the regional offices has resulted in installation of more than 5000 new RLNG based commercial gas connections and more than 270 new RLNG based industrial and captive power gas connections.

Moreover, as result of proper planning this year, the Department has been able to provide approximately 11 percent more gas in December 2019 as compared to last year (2018). Through close and continuous monitoring, smooth sailing with reference to supply of gas to all categories of consumers during winter months became possible. Furthermore, through formulation of consumer friendly policies and quick redressal of issues pertaining to Industrial and Commercial consumers, the Department tried its best to meet the Company's vision.

#### **Provision of RLNG To New Housing Societies**

With the relaxation of moratorium on provision of RLNG to new Housing Societies, Sales Department is vigorously working on processing of such requests from various applicants. These requests comprise of new housing societies, extensions and remaining areas. Applications for provision of RLNG based Gas connections are being accepted in Regional Sales sections and after completion of formalities, offer letters are being issued to the applicants on TOR/ 100 percent cost basis. In 2019 complete cases of ----- housing societies were received from various regions and out of them ---- societies have been sanctioned total ----- MMCFD RLNG allocation after fulfilling the procedural requirements.

#### Processing of Urgent Fee Bills - Maintaining "Zero Pendency"

Throughout the year the urgent fee bills have been produced maintaining "zero pendency" level.

## Issuance of Demand Notices/ Proposal Letters

The following table elucidates this accomplishment:

Demand Notices Issued Data for Calendar Year 2019			
Region	Urgent Fee	Normal	Grand Total
Abbottabad	2,637	8,498	11,135
Bahawalpur	1,116	12,440	13,556
Faisalabad	15.256	24,813	40,069
Gujranawala	1,981	17,990	19,971
Gujrat	152	21,925	22,077
Islamabad	1,714	36,209	37,923
Lahore East	12,151	24,242	36,393
Lahore West	4,468	11,399	15,867
Mardan	447	22,573	23,020
Multan	2.179	20,659	22,838
Peshawar	140	35,014	35,154
Rawalpindi	2,031	22,790	24,821
Sahiwal	1,129	11,683	12,812
Sargodha	809	16,551	17,360
Sheikhupura	6,426	14,510	20,936
Sialkot	384	21,467	21,851
Grand Total	53,020	322,763	375,783

#### Agreements with RLNG Supply Chain/ Corporate Clients

# Summary of SMS sent to applicants on the following stages

In order to better facilitate our valued applicants, SMS service has been started. The applicants are intimated on their mobile phones at various stages regarding progress of their cases for gas connection.

- Urgent Fee Bill Generated
- Case included in the list of survey for both UF
  and Normal merit

In year 2019, more than 129,000 SMSs were sent to applicants in various categories as mentioned above.

## Monitoring/ Enforcement of Policies and Procedures

In pursuance of Management's resolve to maintain transparency and fairness with respect to sales operation, a Monitoring/ Enforcement cell has been set up in Sales Department. It aims at monitoring and enforcement of sales policies in vogue. It is regularly visiting and scrutinizing documents / files and all relevant dispensation and deviation / breach reported to this effect is dealt with strict



action and responsible for these irregularities are taken to task. In this current year monitoring team unearthed number of shortcomings and penalties commensurate with gravity of offence have also been awarded to delinquents concerned. As a result of stringent monitoring even major penalties were awarded to culprits. The following table enumerates the position of disciplinary actions taken in 2019:

Sr. #	Punishment Awarded in 2019	No. of Employees
1	Dismissal	02
2	Downgrading	10
3	Stoppage of Increment	11
4	Warning	28
5	Advisory Note	12
Total		63

Not withstanding the above, the Monitoring/ Enforcement cell has been conducting trainings for capacity building of the executive / subordinate staff of the Department.

#### **Response to Consumer Complaints**

Sr. #	Platform	<b>Cases Received</b>	Resolved
I	Ministory of Energy (Petroleum Division)	243	164
2	PM Sectt	368	292
3	Wafaqi Mohtasib	2430	2390
4	OGRA	882	851
Total		3923	3697

# TRANSMISSION



Transmission Department is responsible for operation and maintenance of 9,021.72 kilometer long network to ensure uninterrupted supply of around 2200 MMCFD indigenous gas and RLNG. The network being maintained is of assorted diameter from 6" to 42" pipelines. The vast network consists of 433 Valves assemblies, 394 Sales Meter station and 23 major over head river crossings. The accurate measurement of gas both at intake i.e gas sources and its delivery to distribution system at SMSs carried out through state of the art metering gadgets and record of data is maintained. Gas control center located at Faisalabad HQ acts as a hub of operations by round the clock monitoring of gas transmission activities on the entire transmission network. The Department is technically fully equipped to handle any emergency on network and to carry out the specialized tasks like hot tapping / line plugging, on stream pigging, system modification, flow proving of gas meters, maintenance of measures gadgets, valves, gas chromatograph etc. RLNG based Power Plants are also being efficiently managed through vigorous monitoring on round the clock basis besides other big industrial consumers.

The major accomplishments of Transmission Department during the year 2019 are presented for the readers.

## Effective Load Management and Pressure Profiling at SMSs

Transmission Department put up best efforts and operational strategies / expertise for execution of effective load management / pressure profiling at Sales Meters Stations. By virtue of said exercise, the goal of smooth supply of natural gas to domestic sector and major power plants on Transmission network was achieved during the year specifically in prevailing winter peak season. In order to manage severe demand supply gap, Transmission Department extended full cooperation to the respective Distribution regions, in terms of manpower and logistics resources to facilitate the Distribution pressure profiling activity on more than 95 percent domestic gas load SMSs. Extensive efforts were made during stipulated period for effective pressure and flow profiling and load management through SMSs on transmission network. Said activity has been carried out by deploying Transmission resources at SMSs, on round the clock basis, despite severe weather during odd working hours.

#### Indigenous Troubleshooting of Defective Flow Computers and Gas Chromatographs

Troubleshooting, repair and overhauling of various sophisticated imported custody transfer electronic gadgets /analyzers i.e. 18

Flow Computers and 08 online gas chromatographs was indigenously carried out by SNGPL engineers to keep them operational throughout the year. This indigenous refurbishment of costly imported gadgets has saved valuable operating expenditure of the Company.

#### **Real Time Energy Billing to RLNG Consumers**

Importance of accurate energy billing cannot be avoided in current era of growing energy demand in natural gas market and strict clauses of GSPA agreements with bulk consumers like GPPs / IPPs. Keeping in view the said objectives, Transmission Department successfully managed said task during the stipulated tenure by ensuring smooth operation of online gas chromatographs installed at major RLNG consumers, and up-dating of gas composition data in respective flow computers for real time energy calculations. It is worth mentioning that issues regarding communication of Gas Chromatographs with flow computers installed at various CMSs of GPPs were timely resolved for accurate energy billing to bulk consumers. Said challenging tasks have been completed within our indigenous resources thus saving Company's substantial revenue by avoiding services of outside agencies.

#### Weekly Billing of RLNG Consumers

Transmission Department ensured weekly billing to RLNG based consumers connected on Transmission network without any delay. In order to avoid loss of Company's revenue, said activities have been carried out as per schedule even on weekly / public holidays as well.

#### **Savings from Gas Sources**

The Department identified 338 MMCF over billed gas from the invoices of gas producers by careful computation of gas volume delivered from gas sources thus saved Rs. 161 million during the period Jan ~ Dec 19.

#### Identification of Off-specification Gas

The Department identified 1132 MMCF off-specification gas by careful and thorough checking of quality / specification gas parameters, thus saved Rs. 53 million during the period Jan ~ Dec 19 on account of application of off-specification gas price discount.

#### **Effective Planning of Load Management**

Effective planning of load management in coordination with Sales Department for distribution and sale of gas to high priority consumers by carrying out smooth operation of Transmission system.

#### Smooth Operation of Lng / Rlng Swap Supplies

Smooth Operation of 347,077 MMCF (361,789,315 MMBTU) RLNG swap received from SSGCL and delivered to RLNG consumers on Transmission and Distribution network through efficient operation of pipeline network.

#### Fortnightly/Monthly Billing of SNGPL Consumers on Transmission network/RLNG custody transfer points

Transmission Department ensured fortnightly billing to customers on transmission network (ECPL, Mari) and also on monthly basis including RLNG custody transfer points connected on Transmission network without any delay. In order to avoid loss of Company's revenue, said activities have been carried out as per schedule even on weekly / public holidays as well.

#### Commissioning of new SMS's, Replacement of under capacity and over capacity gas meters Transmission network

Transmission Department commissioned II SMSs and also replaced six gas meters as per gas load requirement to ensure correct measurements at SMSs and internal consumption stations (Repeater Stations).

#### **Pipeline Integrity Management Program**

To assess integrity of Transmission Network, a comprehensive Pipeline Integrity Management Program has been initiated. Indirect inspection of 90.611 kilometer pipeline was undertaken, whereas NDT inspection on assorted portions of 227 kilometer pipelines was carried out.

## Up-gradation of Block Valve Stations of SMSs

Modification of 39 Block Valve Stations and 11 SMSs was carried out for de-bottle necking / improvement of gas flows and to ensure that pipeline infrastructure remains in appropriate condition for safe operation.

#### **Rehabilitation of Transmission Pipelines**

In order to ensure soundness / integrity of pipelines, following works were carried out for rehabilitation of Transmission network:

 Installation of full encirclement metal sleeves to cover deteriorated portions of 24"dia Ex-AC7-AV38 Pipeline and 6"dia Chak Jhumra Pipeline at the D/S of MP 3.5

ii. Sleeving job on 24"dia M/L and 24"dia L/L, AC-6 D/S to AV-29 segment has been completed.

iii. Re-routing of 10" x 850 Meters C4-Pakistan Cement pipeline due to serious exposure from



MP 1.22 to MP 1.75.

iv. Diversion of Surplus gas from Adhi field to C-leg and allied modifications i.e., reversal of Non-Return Valve at Pindori End Point Valve Assembly.

v. Installation of meter run on 8" dia. Manjowal – Pezu line and 8" dia. Manjowal – Bannu line for re-conciliation of gas flow.

vi. Permanent hookups of existing 8" Sakhakot – Swat pipeline with 12" Mardan – Swat loopline at Mardan, Takhtbai, Sakhakot, Palai and End Point, Swat valve assemblies.

vii. Installation of regulating facility and up gradation of cross connections at Karak valve assembly.

viii. Installation of cross connection at Kurram valve assembly on 12" dia. Kharappa – Manjowal pipeline.

ix. Modification for removal of bottle neck and installation of regulator bypass at Wah Valve Assembly / SMS.

x. Hookup of 24" dia Tatlyali-Nandipur power plant pipeline with existing valve assembly at Tatlayali.

xi. Installation of pig launching arrangement for 30" dia Bhikki Power plant pipeline at Zero Point valve assembly and 16" dia bypass arrangement at End point valve assembly.

#### **Hot Tapping Operations**

Transmission Department maintainins the state of the art facility for hot tapping / stoppling operations at HQ Faisalabad / Section – II Multan. The equipment along with the manpower are capable of performing hot tapping / stoppling operations up to 30". Total 46 Hot Taps were carried out between 01-01-2019 and 31-12-2019 on Transmission Pipelines to facilitate modification jobs, without interruption of gas supply.

#### **Civil Protective works**

i. Civil protective works carried out on 12"dia. Rawat-Murree pipeline at MP30.80.

ii. Civil protective works on 10"/16" dia.
 Gali-Wah pipelines in Neka Nullah (MP181.52 to 181.95). (In-Progress)

iii. Civil protective works on 10"/16" dia.Wah-Nowshera pipelines at Burhan Nullah (MP199.90). (In-Progress)

iv. 05 Nos. Capital jobs regarding civil protective works were completed successfully carried out.

#### **Commissioning of Transmission Pipelines**

i. Commissioning of 8" dia x 32.50 KM Transmission line from Matani to Regi Lalma carried out.

ii. Commissioning of 12" dia x 17.61 KM Transmission line from Mid-Point Valve Assembly Palai to Thana (Swat Line) carried out. iii. Commissioning of 10"dia x 11.50 KM Transmission line from Adhi to Sukho iv. Commissioning of 24"dia x 93 KM Transmission line for Punjab Power Plant Jhang.

#### **Removal of Illegal Taps**

284 illegal taps removed at different locations of 12" dia. Kharappa – Manjowal and 10" dia. Gurguri – Kohat pipeline.

#### **Uplifting of Illegal Network**

124419-ft (37.93 Kilometers) of illegal network uplifted during removal of illegal taps on 12" dia. Kharappa – Manjowal and 10" dia. Gurguri – Kohat pipeline.

## On-stream Lowering of Transmission Pipelines

Lowering of following Transmission Pipeline segments was carried out to aid smooth operation:

Lowering of 8"dia Bhowana Line near MP 2.5
and MP-4

Lowering of 8"dia Jhang Line near MP-4

• Lowering of 6"dia Jhumra Line at MP 3.5 to MP-4.25

• Lowering of 30"Ø, 36" Ø and 18" Ø main lines at MP-148 & MP-149 (2000 RFT)

• Lowering of 6"Ø Ahmedpur East line MP-5.5 (1000 RFT)

• Lowering of 36" dia line at Mp-216 (900Rft) and MP-219.7 (500Rft)

• Lowering of 8" dia. Sakhakot - Swat pipeline at MP 12.05 crossing Palai interchange at KM 61+000 Swat Motorway Project.

• Restoration of earth cover (200-ft) of 10" dia. Shakardara – Daudkhel line in Khartoob Nullah at MP 16.75.

• Restoration of earth cover (200-feet) through lowering of 10"/16" dia. C-leg at MP 190.50 for construction of RCC culvert by Kohistan enclave.

# Extensive Monitoring of Overhead Crossings during Flood Season

Vigorous monitoring of 23 major overhead river crossings was carried out in monsoon/flood season. Pre-hand arrangements were made to avert catastrophe and to combat emergent situation in order to safeguard pipeline infrastructure so that gas supply to valued consumers remains un-interrupted.

## Continuous / uninterrupted power supply to SCADA / Telecom System

Uninterrupted and continuous power supply was ensured to SCADA / Telecommunication and Cathodic Protection System, installed on Transmission Network.



Efforts of individual departments to achieve their respective objectives contribute in the overall success and growth of a company, Treasury Department has strived to accomplish certain milestones during the year 2019. Synopsis of the main tasks performed during the year is presented for the readers.

#### **Arrangement of Running Finance Facility**

The Board of Directors in its 515th meeting held on January 05, 2019 approved running finance facility up to Rs. 20,000 million from the commercial banks for discharging SNGPL's liabilities in respect of PSO and PLL on urgent basis. Arranging financing of this magnitude in stringent timelines was quite challenging and a crucial task. A committee under the chairmanship of CFO was formed to negotiate the terms and conditions of Running Finance Facility on fast track basis. However, with the concerted efforts and in a short time span of just two and half months, the said facility was arranged from four commercial banks and draw down of Rs. 20 Billion was made successfully.

#### Door to door visit to verify unverified Pensioners

As per SOP for physical verification of pensioners, physical appearance of pensioners in the relevant area Admin offices is mandatory after every six months for continuation of pension. It was noticed that there were 307 unverified pensioners in October 2018 whose pension was stopped due to non-appearance;

considering that their non-appearance may be due to ill health or communication barrier etc., it was planned that a team comprising Pension and Admin Officers will visit the residences of these pensioners with the objective to restore pension of the surviving pensioners and to update database in case of death. This exercise was initiated in November 2018 and completed in February 2019. During this exercise, 134 pensioners/widows were found alive and after observing their dilapidated condition, change in the existing SOP was initiated that if a pensioner does not visit the concerned Admin Office during two consecutive verifications, the said team would visit such pensioners to determine the reason of non appearance and for restoration of their pension accordingly. The SOP has been updated after approval of the Management.

# Clearance of long outstanding balances in bills collection reconciliation

Collection Section made continuous efforts to resolve the pending amounts outstanding since long. As a result, the Department cleared backlog and now working on the outstanding amounts aging from 1 to 6 months which is a significant achievement.

#### **Encashment of BGs / SBLCs**

Collection Section has succeeded in encashing BGs / SBLCs amounting to approximately Rs. 684 Million during the calendar year by continuous efforts and vigorous follow-up with banks.

# **REGIONAL REVIEWS**



سوئی ناردرن گیس Sui Northern Gas

## ANNUAL 2019 **LAHORE REGION**



CO2 Testing at Site

Lahore Region with 1,154,507 consumers and 19,121 kilometer distribution network is the Largest Region of SNGPL covering Natural Gas Distribution in two Districts, Lahore and Kasur. Lahore Region has five Sub Regional offices (Johar Town, Herbancepura, Kasur, Walled City, Sunder), five Customer Service Centre (Pattoki, Samnabad, Chunian, LDA Plaza) and four Complaint Centres (DHA, Phool Nagar, Kot Radha Kishan, Ellah Abad). Currently, 113 Executives, 986 Subordinate Staff members and approximately 1000 daily wages staff members are working at Lahore Region.

In line with vision of the Senior Management, Good Customer Services is the top most priority of Lahore Region. Necessary arrangements have been made at all the Customer Service Centers of Regional Office and Sub Regional Offices to provide one-window facility to our valued customers. At Customer Service Centre Gulberg office, the Region has established a system for launching complaints in CC & B of consumers visiting CSC. This system has provision of referring complaints in CC & B from one section to the other for those complaints that involve input from more than one departments for complete resolution. This system is helping the Region in keeping track of

complaints of the visiting consumers and monitoring the performance of any section regarding resolution of consumer complaints. Moreover, consumers are given a complaint number through which consumer complaint may be traced at any time. From 01 January 2019 to 30 November 2019, 662 complaints related to Accounts/Treasury Section, 1591 complaints related to Billing Section, 4,362 complaints related to new gas connection and 1,791 complaints related to Sales Section have been processed in CC&B. Courteous and well trained officers and staff members have been posted at each Customer Service Centre to redress consumer grievances on the spot. The Region believes that better customer service is possible only with the positive change in attitude of the executive and staff working in customer service centers. For this purpose continuous in-house trainings are being arranged to the staff for better customer handling and to change their attitude regarding customer dealing.

Lahore Region Teams are working day and night to address the complaints received through SNGPL toll-free helpline 1199, or by the walk-in consumers at our Customer Service Centers and Complaint Centers throughout the Region. Special emphasis in this regard is also

being given to the complaints received through the Pakistan Citizen Portal. From 01 January 2019 to 30 November 2019, total 178,198 consumer complaints including 74,812 gas leakage and 64,805 low pressure/gas stop complaints have been attended. During this period, 5,622 underground leakages have been rectified, 4,523 redrillings of service tees have been done, 1,497 Service Lines have been shifted, 8,970 dewatering complaints have been resolved and 125 System augmentations through network looping for providing gas supply in low pressure areas have been carried out. 12,096 complaints received through Pakistan Citizen Portal have been processed. Pura. This has helped the Region in improvement of gas supplies to these areas and overcoming our gas leakage losses. Besides rehabilitation of old network, the region has repaired 5,470 Underground Leakage Points identified through Laser Leak Detection technique. Currently, the Region is working on replacement of 57.83 kilometer corroded network in the areas of Dev Kalan, DHA-Phase IV (Sector JJ, HH), New Iqbal Park Walton road, Gulbahar Colony Walton road, Firdous park, Gulistan colony, Jahangir colony and adjacent localities, Yaseen Town, Millat road and adjacent localities, Sitara colony, No.2 Chungi Amar sadhu , St No. 8, Kanchi Amar Sadhu, Main Mast



Training of CSC staff by Executives

From 01 January 2019 to 30 November 2019, Lahore Region has provided 38,438 domestic, 181 commercial and 19 industrial new connections. 130 kilometer network has been laid and 303 kilometer network has been commissioned in the villages Dhubban and Fateh Wala, Arshad Colony Raiwind, Village Bath, Kamas, Shamke Bhattian, Bilal Town, Shahzad Colony, Talib Gunj, Tiba Pajian, Tiba Samad and Nehla, Dhaka Colony, Arraiyan More, Village Blair Kasur, Naruki Majha, Dhop Sari, Kot Sardar Lasher Ali.

SNGPL, Lahore Region has replaced 30.42 kilometer of corroded lines in the areas of Phool nagar, Jagoowala Pattoki, Kir kot village, Youhanabad (B, C,D,E,F Blocks,), Pak Town, Firdous Park Mast Iqbal Road, Zubaida Park, Rampur (Batapur), Nargis Block Allama Iqbal Town, Bilal Road, Faisal Park and Rasheed Iqbal Road, Ferozepur road, Defense Iane Ghazi road, Sharif park , Kamahan Road Bank stop, St-3, Qadri Colony No.2 Walton, Farooqabad bedian Road, St.2 ,Baba Farid Colony, Nishtar Block Allama Iqbal Town, Canal View , Ahata Mol Chand , Badami Bagh , St No. 4, Toheedabad , Ravi Road.

In the region's efforts to control UFG losses, 924 successful raids have been conducted which include 31 Direct Bypass cases, 157 direct uses from Service Lines, 284 Domestic to Commercial use cases, 46 Fake Meter cases, 16 Compressor Usages, 109 unauthorized extension cases and 105 violation of Contract cases. During these raids 121 FIRs have been lodged against gas pilferers. Volume booked to consumers against theft is 201 MMCF, amounting to Rs. 79 Million which shows increased efforts in curbing gas pilferage.



60I≝PRIDE

كونى پچھن نہویٹر ے آيم سم پتھوں اُلٹاعالم کھلدا دل مارکیتے گرلاوے تر تلا عاوے تے عم کھاوے دُکھ یا وے سُول نبھادے ۔ ایہوطور تینڈے بےدل دا کئی سنہی طبب کماون سے پُڑیاں جھل ملاون مینڈ بول دا جرید نہ یاون مجر فرق نہیں اِک یل دا اک ہور کافی اے: سيبنحض لوژان دلژي دهيان دهيان روردأجڑیاںا کھیاں شجڑیاں چو لی چُنری لیراں کھلدیاں۔ سال يتيم دى بھال وچ تھل بىلےدانقشہ کھچد ياں کھدے تن: باربروچل کان ژلدی روه ڈونگروچ لائیس جڑ کربان دِلڑی جان جگروچ لکیاں سرتیاں کنت رُجھایا اینا بنے ڈھول کوں پایا ہیکوں مینڈرے مان رولیا شخر بے بَروچ اک ہورکافی، ذرابیان دا ذور دیکھیا ج: سینهم کو بر ان دِلرْی دهیاں دهیاں رور داجرْياں اکھیاں سُنجر یاں چو لی چُنری لیراں کھلدیاں سنگیاں ساں اک ہور کافی، ذرابیان داز وردیکھیا ہے: تقى آس پاسے آئى پاس پاسے زريفت ڈور مے ململ تے خاصے کھنڈ دیاں نیا تار مصری پتاہے سے کچڑےاوڑائے ٹو ڑے دلا سے لکھڑی متھے دی پلڑے پیاسے واہ واخداد کے کم بے قیاسے جیہر س کوں منہہ وی لیند ہے نہ ماسے مل مِل کریندیاں کھل ٹوک ماسے آتن کتیندیاں سنگیاں ستاون کے گبتاں مریندیاں بولیاں سناون كى كيس كرديان كى نوك ألاون جيهز ، ميشه صد ا تشاون ساك مليندياں گذرگياد ينهه سارا سنگاركريندياں گذرگياد ينهه سارا كجله يائيم سُرخى لائيم كيتم يارد دسارا المحكاك أ ذينديا عمرو بإنى آيانه يار پيارا باردیاں جھوکاں قبلہ کعباں! ساڈ اعشق اما ہے! دل وچ ہردم یارد بے ڈیرے کیاضبح کیاشامے باجرد يداروصال دي نينان! نيندر تفي حرام دردلبردی ماندی بردی! تقصافریدغلا مے » (ايبه مضمون كتاب" بنجابي شاعراں دائذ كره' وچوں ليا گيا ہے)

سسى داذ كركرد بےاك تھاں كھير ہے، بن: دُكھڑ بے سی نوں ڈیہنوں ڈین ہہ سوائے جیں ڈیہنہ بروچل گھر ودسد ھائے م م خجیں مو نجھائے سولیں ستائے 🔰 قادر کدائیں وجھٹر بے ملائے مُتْھر یا کیلی ساون نہ بیلی 💿 اُمہمل نہ کردی سرتے ہیلی نظر بے حویلی شخو ی ڈوہیلی ماروں تھلاں دی والی سہاوے اک کافی وچ ہجر دی پادانج ڈولی اے: ركهدى ركهن فريدجهوكان ياديون الحيس نير بنجو كربرسات دِين لكهلكهد مانهان أثهم جون جون دسم جهري بجلى دى چېكنوں مُسكان نال كيهاسو ہنا كيبريااے: بدلےدردوںروون! بجلی اکھ مارے مُسکاوے (بدل تے درددے مارےرور ہیااے پر بجلی اکھاں ماردی تے مُسکراندی اے) جدوں آپ ج کرن تشریف لے گئےاو تھریت دے ٹیلے تھل تے بیابان و کچھ کے آگھا: پُن بچتر سِيج پُھلاں دی! <u>ہے</u> ڈھوڑ ی **تول گُل**اں دی شب بادصبامن بھاندی ت<sup>اضب</sup> تھلیندی ککھے کویں میں اردے دیدے تھیاں اکھیاں رور وہیرے دم جيندي كرسان پھيرے لا بہوں آ کيے ڈيرے تیجاحصہ عشق عاشقی دااہے، ایہ وی بڑا بلکر تے انمول ککھدے ہن: فشم خدا دی قشم نبی دی عشق ہے چنز لذیز عجیب لكھلكھ سُول ہز اراں دُ كھڑ ے سوسو شكر جوآ ہم چھوکڑے بے شک ضرب حبیب ذہیب عمر نبهائم سر دى دُهكھدى تېرى، كھيدى، فرا وكھدى جوكھدى یلڑے پیم نصیب نصیب فراق (جُدائی)داذ کرکردے آ کھدے ہن: اج فال فراق وسید نیا ہے متاں پارکینوں پنگھڑیندی اے سختیاں و دھیاں سُکھ تھےتھوئے رہے والمغم سوزسموئے چرخہددوکھڑی رُوں رُوں بولے تند دِنگی ول پیندی اے چیتر بہاران غزال ڈسیجے روہی ڈین ڈریندی اے يارفريد نه كهر موكلايا بارى بار بجرسرآيا سک ساڑیاتے تانگھاں تایا محسمت رود ہے ڈیندی اے فراق دی اگ جرگر کدی اےتے دل دا بخار کڈھن کئی محرم رازوی ڈ ھونڈھ ہُندی اے: کیاجال سناواں دلدا سکوئی محرم راز ندمل دا مُنھ دھوڑ میں بریایم ساراننگ نموز دنجائم

د یے جنم سال دی تاریخ خورشید اسلام 1272 ھے کڈھی۔ ایہناں دی انسانی ہمدر دی تے حُلق مروت د کے کئی واقتے مشہور ہن ۔ چہناں وچوں دوایہ ہن۔ اک واری ایہ روز ےنال سن، اک ہندو عورت جلیبیاں دا تھال لیا کی۔ تے بڑی شردھا نال کہیا میں تہانوں ایہ جلیبیاں کھوا ناچا ہندی ہاں۔ آپ نے او ہدی خواہش داا حتر ام کر دیاں دوچا رجلیبیاں کھالیاں۔

لوکاں جیران ہوئے پچھیا حضورتسیں نے روزے نال سو۔ ایہ کیہہ ۔ آپ نے فرمایا،مینوں پیۃ اے میں کفارہ دے طوراً نے مسکیناں نوں کھانا کھلا دیاں گاپر میں اوہدادل نہیں ساں تو ڑنا جا ہندا نہ تو ڑسکیا۔

اک داری نواب بہادلپور نے بڑے ددھیا ساز سمیت بڑا قیمتی گھوڑ ا نذر کیتا۔ ایطو یلے دیچای بجھا ہویا سی۔ ایہناں دناں دیچ ڈیر دعازی خاں ہر سال گھوڑیاں دامیلہ لگدا سی کسے چور نوں خیال آیا ہے گھوڑ ایتھوں لے جا داں ت چوکھا انعام پا داں۔ او درات دے ہنیر ے دیچ آیاتے گھوڑ اکھول لیا کہ نوکر اں مُر یداں دیکھ لیا۔ گھوڑ امُر 'نھیا لیا۔ تے چور نوں پھڑ کے بند کر لیا اتے سو ریسار اچور نوں خواجہ صاحب دے پیش کیتا۔ آپ نے گھوڑ امنگوایاتے چور کولوں رات دی مار یہ دی معافی مگد یاں ہویاں کہیا۔

اے بھراواا بیگھوڑ اتوں یجا کیوں جے جو میرےنالوں ایس تے تیرا حق پُہتا اے۔

ایہناں دی شاعری ملتان ،سندھ، بہاولپور نے تفل دےعلاقے وچ اوہود رجد رکھدی اے جو باقی پنجاب وچ وارث شاہ دی شاعری نوں حاصل اے۔ چا چڑاں شریف نال ہند ،سندھ، پنجاب نے مار داڑ داستگم ہنداا ے۔ چا چڑاں دا چوں نال سا بحصاساک (رشتہ )اے۔ اید تفال عام کر کرودی نے چیٹیل اے۔ ایٹھے جنڈ کریز نے پیلود سے ابور درخت گھٹ ہن ۔ شاعرد ے کلام وچ جویں سے دااثر ہنداا ے بنیویں تھاں تھکے (ماحول) داوی ڈھیر اثر ہندا اے۔ سوآپ دے شعراں نے وی ایسدی رنگن ڈھیرا ے۔

ایر بال دی شاعری عام طورتے تن حصیا ں وجی ونڈی جاسکد کی اے۔ اک عشق و محبت دو جو قد رقی نظارے، شیج تصور ۔ اک چنگ پڑھے لکھے کوئی (شاعر)والی تا شیرتے کپیا ٹی اِس تے برہ دی بھڑ کی تے شوق نوں ودھان والا سوز ایر بناں دے کلام وجی ڈھیراے۔ عام طورتے دو ہڑے تے کا فیاں ککھیاں بن ۔ ملتانی وجی برج بھاشادی کدھرے کدھرے بچر کاری ایر بناں دی اُستاکاری دی گواہی ملتانی وجی برج بھاشادی کدھرے کدھرے دی محماوست دے قائل بن ۔ تے ایسے نوں تصوف آ کھدے بن ۔

پنجابی نے خاص کر ملتانی بولی ویچ ڈھکد لے فظ قافیے ڈھیر ہن۔ تے ایہناں ایس توں چوکھا فائدءاُ تھایاتے او ہناں کا فیاں دوہڑیاں نوں لفظاں تے کا فیاں دی بہورگی چون نال مالا مال کہتا اے۔ کا فی وچ عام طور تے اک تک ( مصرعہ ) یا شعر داہُت اے تے دوسرے بعد تن چاریا پنج نکاں ( مصرعیاں ) دااک بند۔ پرایہناں کا فیاں وچ کئی رنگ تے اکہرے دوہرے تہرے قافیے تے وزن



کیسے ہین۔ودھول نوں عام طورت چھڑا (اسم صغیر جان کے دِلڑی ور تیا ہے) جویں درلڑی حرل اکھیاں بل بل! پیریں تچھل تچھا لے زرل درداندردے ورل! درتر ہے روگ کشالے جل بل تے ہتھل مل ٹو کاں زخم پئے سوننج زیرے جل بل تے ہتھل مل ٹو کاں زخم پئے سونخ زیرے اکھیاں گھا ٹیاں گا ہیاں چا کیاں لا ہیاں چا ڑ ہیاں سبھ اُٹھ کا کیاں سبحر وں کھیڑ وں سوسو غار ایہنا نوں ہراک وی زب داجلوہ ای دسداے۔جو یں کھھدے ہیں: ہرصورت وی دیدارڈ ٹھم گل یا راغیا رکو یار ڈیٹھم ویدانت (ہمداوست )ول اشار کرد کے کھھدے ہیں: سبح سنازل تھیں خاش میں ہر ہرگا ٹی وادی ایمن ہر ہر پتھر ہے کوہ طور ویراند آباد ڈ سدید ہے جنگل بلد شاد ڈ سدید ہے دوز خ نظرم دُور ڈ صور رکھ تھدیق نہ تھی آ وارہ کہ پر بیار دو ارہ ہ

ورت کے کوتا (شاعری) دے نال نال راگ ددیا وچ وی کئی طرح دےواد ھے

مُلا پَتُطُو مصحنے کردے آیت درس حدیث خبر دے صرف صداتے تھیئے مفرور مُلا وری یخت وسیندے بیٹک ہن اُستاد ولیند ے ابن العربی نے مُصور ایہناں دی شاعری داد وجا موضوع منظرکشی اے۔الیں ویچ وی ایہ ناں کمال کہتا اے۔ایہناں دی ایرکافی<sup>د د</sup> آپنوں رل یار پیو پکیاں نی وے'' منظر نگاری داسو ہنا محمونہ اے۔

بهعاشق باند بحوغا غمازيدول كا چەڭلونە پريكوى اغزى قبول كا ترجمه: عاشق کےخلاف غماد فضول شوروغو غامجارہا ہے، جو پھول چُنتے ہوں وہ کا نىۋ بكوچى قبول كرلىتے ہيں۔ تشريح: سكندركيليج افلاطون سے ارسطو بہتر تھا۔ دنیا میں ہر مخص اپنوں سے محبت كر تا ہے۔ جتنامیرادل اطمینان کے پیچھے بھا گتاہےا تنے ہی مزید تازہ غم یالیتا ہے۔ یہ تازہ تازہ مضمون جو میں اپنے بیاض میں لکھتا ہوں ، پیڈ نہیں کہاں سے نازل ہوتا ہے دوتی سرسز کھیت کی طرح ہے جسےد کی کرخوشی محسوس ہوتی ہےجدائی اولوں کی طرح اس کھیت کوتباہ کردیتی ہے۔قیامت کی ایک واضح علامت ہے۔ کہ آج کل فاعل کے ساتھ مفعول زیادتی کرتا ہے۔ کاش کوئی تواہیا پیدا ہوجوشق میں میرے اس یا کل دل کو پھرتو معقول ہنادے۔ میں عشق کے نزانے سے تو نگر ہوں ،اگرا درلوگ زور د مال دمتاع اورییسے جمع کررہے ہیں۔ رہتے رکھی ہوئی دوآ تکھیں میری چار ہو گئ، خدا کرے کہ یاد کی طرف سے قاصد نمو دار ہوجائے خوشحال نے جدائی میں سخت عذاب اٹھائے ہیں، ہوسکتا ہے بھی وصال کی خوش میسر ہوجائے۔

اور رنی بھی ۔ جیسے کوئی کسی کاشکر بیٹھی اداکر ے اور شکایت بھی کرے۔ بیم یری خوش بختی کا اثر نہیں تو اور کیا ہے کہ وہ دقیب سے اس حد تک شکایت کر رہا ہے۔ اس شہر میں کھلے بند وق شراب بکتی ہے ،محتسب با دہ نوشوں سے رعایت برت رہا ہے۔ اگر حسینوں کی دیدار کی خواہش گٹا ہے، پھر تو خوشحال خٹک ساری عمر گنا ہ ہی کر تا رہا ہے پھر حام بح چلی خوش کر نمز کر کند کا دیر ھو بنا رماھی مرغونہ جمع بند کا بر جہہ: جہاں کہیں بھی لالچ اپنے کمال کا مظاہرہ کرتا ہے ۔ تو بڑی سجھدار محصل اور ترجمہ: جہاں کہیں بھی لالچ اپنے کمال کا مظاہرہ کرتا ہے ۔ تو بڑی سجھدار محصل اور بر دول کو پھانس لیتا ہے۔ ہزدوں کو پھانس لیتا ہے۔ مہد وزی سے جو نہ کی ہے جنگ و تر پر راضی رکھ سکتو یقین کر ویہی بر خوبر کی باد شاہی تر ہے۔ جو نہ کی ہے جن کرے ، نہ کس سے تعلق رکھا کی ہواں کا میں ہو دریا میں سرا کھا دیتا ہے۔ در دیا میں ڈو برہو کے ہیں ،صرف کھی کو کی اس دریا میں سرا کھا دیتا ہے۔ در ویش کا حصہ خوش ہے، نم تو اُن کا ہے، جو مال گنے بیٹھ ہیں اور سوچتہ ہیں، کتا آیا اور کیسے آیا؟ ہوش والوں کے دل میں ہیت سے وسو سے ،خوشحال تو بی تھی جن کی کے قلندر ہی سکون سے میٹھ سکتے ہیں ۔ اور کسی کو کیوں پکھ کھی کو گ

سرائیکیادب

خواجهغلامفريد

مولا بخش کشتة امرتسری

نام خواجه خلام فریتخلص فرید بیودانا م مولا ناخدا بخش چا پڑال شریف دے وسنیک جنم چا پڑال شریف ، رمضان 1 126 ھ برطابق 1 184 ، ودفات رتی الثانی 1319 ھ مطابق 24 جولا کی 1 190 ، او ہنال دے وڈ وڈ ریے شاہ جہا تگیردے سے صفح سند ھتوں منگلوٹ (ضلح ملتان) آ وے تی بیڑھی بعد ایپہ خانوادہ سیت پو ۔ خنانی ضلع منظفر گڑھ ( دریائے سندھ دے کنڈ ھے ) آ وسیا ایپہ خانوادہ سیت پو ۔ خنانی ضلع منظفر گڑھ ( دریائے سندھ دے کنڈ ھے ) آ وسیا اوقتوں ایہ نال دااک مرید محضن خان ایہ نال نوں اپنے نیڈ کوٹ محضن لے گیاتے سکھ دان سے الی خاندان نوں نواب محمد صادق اول ( نواب بہا ولپور ) نے بہا ولپور آ و تن لیٹی آ کھیاتے ایہ چا پڑ ال شریف ( بہاولپور ) آ و سے تے ایت تصابی کرد دان تی آ کھیاتے ایہ چا پڑ ال شریف ( بہاولپور ) آ و سے تے استی اول پر نے نام دان تے مالیں خاندان ہڑ ے عالماں صوفیاں تے زاہداں دافتہا ہی یہ خواجه خلام فرید نے جنم دار ایون بنایاتے ایہ جا پڑ ان شریف ( کنٹھ ) کرلیا۔ ایسے سال ایہ نال دے سرتوں پی در ماری این بنایا تے ایہ نال دی محموظ ( کنٹھ ) کرلیا۔ ایسے مال ایہ نال دے سرتوں پی دار داچان بنایا تے ایہ نوں ، اخواج فرالدین عرف فخر جہاں نے آ چا توں ، اپن دل داچان بنایا تے ایہ نال دی کھی تو ق ول دھیان دتا۔ ایہ نال عوں ، اپن مندی ، سندھی ، ماروا ٹری تے کچھ انگریز ی پڑھی۔ معرفت داعلم جیبڑ ا گھر وکی داستی حاصل کیتا۔ کچھ طب پڑھی تے گچھ راگ و دیا تکھی، 25 ور حد سے داخل

تجرانے وی بینتگی دی زندگی دُل اُلاتکھ بحری۔ تے او ہناں دے چلانے دے بعد ایہ ناں نوں پو، بحرادی صوفیا کی دی گدی تے بیٹھن نے لوکاں نوں گیان دھیان نے ربی معرفت دی شراب پلان دابھار چکنا پیا۔ (فا قیاں) دں کٹھیا لی ونچ پائے مٹی توں سونا کیتا ہو یاجسم سی ۔ دل دی تخی ، زبان دے مٹھے ، مجبتی تے خلق پیا روالے۔ نیکاں دے سکی ساتھی ۔ ہرو یے مجلس و رچ عالم فاضل یا معرفت تے علم دے طالب چند دے گر دتاریاں وا نگ بھر مٹ لا ریاست بہا ولپور دے دسویں نواب میچ صادق محمہ خاں رابع ایہ ناں دے مریدین، او ہناں با قاعدہ 1298 ھونچ آپ دی بھی ، خواجہ صا حب او ہناں ول شارہ کر کے فرما ندے ہیں۔

لگڑ نے نین پرالے صبح صادق جوانیاں مانڑیں پاسہرے، گانے گانڑیں! تے نواب صاحب جد 14 فروری 1898 نوں فوت ہوئے ایہنا ں

خوشحال خان خٹک ۔ سوانح حیات

پشتوادب

خوشحال خان خٹک کی شاعری پر چندالفاظ لکھنے سے پہلے ضروری معلوم ہوتا ہے کہاس کی زندگی کا بھی مخصر خاکہ دیا جائے۔ پشتون قبائلی نظام سے تعلق رکھتے ہیں۔انہی قبائل میں ایک قبیلہ خٹک کابھی ہے۔ابھی تک جتنی بھی تاریخی شواہد کا پنہ چلا ہے ۔ان سے ثابت ہوا ہے کہ بیہ بہت ہی پرانا قبیلہ ہے۔ پشتو نوں کے جن قبائل کاذکرز مانہ قدیم سے چلا آ رہا ہے ،انہی میں ایک خٹک قنبیلہ بھی ہے۔ تاریخ سے ثابت ہے کہ ایران کی ہنجامنشی حکومت پہلی حکومت ہےجس کادائر ہانر پشتو نوں کےعلاقے تک بھی تھا۔دارانے پتھر کی ہموار کی ہوئی تختیوں پر کتبے لکھے ہیں جن میں اپنی حکومت کے علاقوں کا بھی ذکر کیا ہے۔انہی میں سے ایک کانام تقرکش ہےجو پرانی فارس کالفظ ہے۔ اکثریت کی رائے ہہ ہے کہ تھ گشت کے رہنے والے یہی آج کے خٹک ہیں۔ تاریخ خٹک کےمندرجہ بالااقتباس کی صحت پر شہبیں ۔ مگراس سے بہ تر د د ضرور پیدا ہوتا ہے کہا یک طرف تو موز خین اس پر متفق ہیں کہ خٹک ایرانی حکو مت کے زیرتسلط نہیں ہے اور دوسری طرف تھ گش کوداراا بنی حکومت کا علاقہ بتاتا ے۔البتہ پیصور کیا جا سکتا ہے کہ اس زمانے میں آج کی طرح <sup>منظ</sup>م <sup>ع</sup>کومتیں نہیں تھیں ۔ بادشاہ کی افواج اگر سی علاقے کے صرف راہتے سے بھی گز رجاتی تھیں توبادشاه یا شهنشاه اس علاقے کواپنی عملداری میں شامل کرنے براینے آپ کوخت بجانب سبحصت تصرب بااكران علاقول كروالط سى برمى حكومت سيخالفانه بيس مو تے تھے یہ توباد جودان کی اندرونی مکمل آ زا دی کی بحالی کے بادشا دان چھوٹے چھو ٹے علاقوں کواپنی سلطنت کا حصہ بتاتے تھے۔ غزليات مُورت گرچه بنهٔ صورت بپردیوال ساز کا گُل عالم ئے بیصفت زبان دراز کا ترجمہ: جب مُصورد یوار پرکوئی اچھی تصویر بنا تا ہے تو لوگ اُس کی بہت تعریف کرتے ہیں۔ تشريح: للمرأس نقاش کی کاریگری کی کوئی نہیں دیکھتا کہ ؤہ کیسےایک بوند سے ایسے ایسے فقش وذگار بنادیتا ہے۔ؤ ہ چہرے میں آنکھیں بھنویں اور ناک بنادیتا ہے،اور دانت، ہونٹ اور منہ کومناسب طور پر سجادیتا ہے۔ ڈ دسر کی دنوں جانب کان لگا دیتا ہے، تا کہ اُن دونوں سے سُٹنے کا کام لیاجائے۔ یور یو رملا کروہ ہاتھ کی اُنگلیاں بنادیتا ہےاورسرسے لے کریاؤں تک سارےجسم کوا یک انداز میں ڈھال دیتا ہے۔اگر اس کے بارے میں کوئیا بک ہزار کتابیں بھی لکھد بےاور پھر بھی ککھنا جاہے، تو وہ ایک ہزاراورلکھدےگا۔ایک ایک بال جوبدن پرنظر آتا ہے اگراس پرغور کرونو تم پر معرفت کا در دازه کھول دے گا۔خوشحال خُد اکا خاص بند ہ اُسے تمجھ جسے وُ ہاینی ذات

کی معرفت سے سربلند کرے۔ اورنگ زیب چهآ رائش د تخت وتاج کا تخت وتاج یہ ئے م کے تاخت وتاراج کا اردوتر جمہ: اورنگ زیب جوتخت وتاج کی آرائش میں لگاہُوا ہے،موت اس کے تخت وتاج کوتاخت وتاراج کردے گی۔ تشریح: دُنیامیں اس کا ایک اچھابارُ انام رہ جائے گا۔ اس کی مرضی نوشیر وان کے کام کرتا ہے یا حجاج کے تُحقِیم ز دہ کوتو جشن کی خبر بھی نہ ملی ،حالا نکہ دبلی بھر میں لوگوں ، نے خوشاں منائیں۔آنکھوں کا پانی آنکھوں میں اُترا،اور دل میں آگلگ گئے۔ بھلاا یسے مزاج کے ساتھ کوئی کیا زندگی گزارے گا۔ جُدائی میرے دل کے ساتھ وہی کرتی ہے جو شاہین کسی بھٹ تیتر یا چکور کے ساتھ کیا کرتے تھے۔میری نبض پر انگلیاں رکھدیتے میں تو اُن کارنگ زرد پڑ جاتا ہے طبیب میری بیاری کا علاج کیے کرسکیں گے؟ دومحبت کرنے والے جب وطن سے دُور بچھڑ جاتے ہیں تو خُدا کیسے اُنھیں سلام تک کامختاج کردیتا ہے۔میر ے آنسو سینے کی جلن سے پیدا ہوتے ہیں جیسے آگ کباب سے یانی ٹرکادیت ہے۔جو تیز بھی قضا کی شت سے چھوٹتا ہے، زمانی خوشحال کے دل کواس کا ہدف بنادیتا ہے۔ باز گیرچه دبازیوصندوق واکا پەيدەزمان<sup>كى</sup>ن توبازى بريا كا ترجمہ: مداری جب اپنی پٹاری کھول دیتا ہے تو ذرایی دیر میں قتم تسم کے کرتب دکھا ديتاہے۔ تشريح: جب وه ايخ كرتبول ميں كمال كا مظاہر ، كرتا ہے تو تماشا كى د كيود كيوكر دنگ رہ جاتے ہیں۔عارف این ظاہری آنکھوں پر ہاتھ رکھدیتے ہیں اور صرف اپنے دل کی آنکھوں سے تماشہ دیکھتے ہیں۔ بیام دُنیا والے انہیں ناسمجھ بچے نظر آتے ہیں اس لئے وہ بچوں کے کھیلوں پر بینتے ہیں۔ دائمی خوشی کس کی ہے،صرف اُس کی جس نے دُنیا دی خواہشات کودل سے مٹادیا ہے ۔ خوشحال اس کی وفا پر کیا خوشی جوتُم سے وفاكرتے جفايراً تر آئے۔ بيارباب دمغنى بنئه سرايت كا بيغمه كنبس نوب فو بحايت كا ترجمه: آج پھرمُغنی کاربابخوبنغمہ سراہے، ہرنغمہ میں نٹی نٹی حکایت بیان کرتا تشریح: شیخ صومعے کے گوشے میں بیٹھارہے، میں پھولوں کی سیر کروں گا بہار کے پُھولوں سے مجھے ہی مدایت ملی ہے۔ بھکاریوں کیلیئے ہیٹے یُوجا کاغم کافی ہے،مُلک اورولایت کا کام با دشاہوں کا کام ہے۔وفا کے دقت اُس کے مہر وکرم کی کیا کیفیت ہوگی؟ جوجفامیں بھی اتناعنایت کرتا ہے۔ اس کی ناراضی سے مجھے خوشی بھی ہوتی ہے

نے بھیڑا جیہامونہہ بناؤندیاں آگھیا۔ '' جاوہ بڑم دارنہیں تی نے ایتھوں نیبا کیوں....''میرے نال کھلو نے موٹر سائیکل دالے جوان نے آگھیا۔ '' چلوا یہہ تاں سیھ کھیک اے ہنسیں پکس وی سد کٹی اے۔جیہڑ اڈ گیا سی ادہ تہاڈ اکوئی یا ر، بیلی رشتے دارتی.....؟'' پہلا ہندہ فیراک داری ادکھیاں ہوند یاں پولیا ۔

''اوہ ……اوہ تال بس میر بے وائگ داای کوئی جی سی ، تہاڈ بے وائگ دا اِی بندہ بشراوو س داای جیو س تھاڈے و چوں کسےدا کوئی بھرا، پیوہوسکد ااے۔۔۔۔۔ع تها ڈے اپنیاں وچوں کو کی ایویں سُٹیا گیا ہوندا ، تُسیں ایویں ای بولدے، سوجد ہے......' میں آل دوالےویہندیاں آکھیا۔ " رېتهانوں پوليس فيروي نېيں سڌ ني چاہي دي سي۔غريب ريشےوالاماريا جانا ہے تے اوہناں دِیاں دیہاڑیاں لگ جانیاں نیں 'پڑتوں اک ہور غصے جمری واج آئی۔ ·· کیوں نہیں سدتہ ناجا ہی دانتی ..... نشیں سارے جُرم وارجے۔ پہلے ساہ توں ای ظالم نال جا کھلوندے جے اوہ جیہڑ اڈ گیا کیہا ونچ گیا ......اوہنوں کنیاں تے کیویں دِیاں سٹاںلگیاں۔تہاڈے وچوں کسےاک نے دی نہیں چھیا۔اوہد کے گھر والےوی ہودن گے،جیرد ے اُڈیکدے ہودن گے کدوں گھرایڑے گا ......دوادا رُودا کیہ پر بندھ ہووےگا۔ساراو پہار اِیلہودی نیزہداُ تےا ہے۔ساڈ سے سائیاں تے آ کھاسی کہ ہنتھال ڈکو،مونہوں ڈکونہیں تا ل گھٹو گھٹ مَن وچا می پیڑا آ کھویشَیں تے چار ہتھا گانہہ ہو گئے ج، خلالم نال ای جا کھلوتے او ۔ پزیدی ہو گئے ج،''میر ب پرتاو بے توں پہلاں ای اک پُرانے جیج لیڑیاں وچ داڑھی اُتے ہتھ پھیر دیاں بزرگ نے آکھا۔ اوہناں دیاں گلاں شن کے مجمع چُپ ہو گیاتے مینوں ایو یں جاپیا کہ

او ہناں دیاں کلاں سن کے بحظ چُپ ہو کیا تے مینوں ایو بی جا پیا کہ جیویں میر ۔ لتھے گوا چے لیڑ ۔ سر براُتے آ گئے ہوون ۔ اچراں فُل دوموٹر سائیکلال اُتے چار جوان ایر جنسی پولیس دے کھول کے میراناں پند ڈہرایا۔ فیر ساری گل دھیان نال سی تے اک نگاہ مجمع نے مار دیاں آ کھیا۔ '' سرجی شئیں بہت چنگا کتا اے ۔ تہا ڈے ور کے ہور دس و یہہ ہو گئے نے سا را شہر کھیک ہوجاو ےگا۔'' دُوج جوان میر ے موڈ ھے اُتے شانتی بھریا ایو یں وانگ داہتھ رکھیا تے میریاں اکھیاں اگے آیا پیچلے اک گھنٹے توں آیا ہمیر اگھ ملدیاں چان بن دا گیا۔ جیویں کوئی شنڈ کی ہوادا بلھیا پھیرا پا گیا ہوو ے۔ اچراں نوں رکشے دے مالکاں چوں اک بندہ اگے ہویا۔ ''ڈی ۔ ایس ۔ پی صاحب میر ے جان والے نیں۔'' ''ڈی ۔ ایس ۔ پی صاحب میر ے جان والے نیں۔''

ایہناں دا کیہلگداسی......؟اویے بندے نے نیوندیاں آکھیاتےاوس دےمگرمگرا ک داری فیر پڑوچ ہاہے۔ سینتراں نے وکھر ماں وکھر پاں گلاں ٹریئاں ''ایہناں داتے بیت<sup>نہی</sup>ں جِ آکھوتے میں دساں کہاوہ میرا کیدلگداتی''، اک جوان نے وَکھی نال بنھے پستول اُتے ہتھ ہاؤ ندیاں آکھیاتے ادھا مجمعا گانہہ چھا نہہ ہوگیا تےاوہناں و چوں اک بڈھڑی مائی اگا نہآ ئی جیہد لاینا ٹب بھو نمیں چمُد ا جايداس\_ '' وے جوانو، چھڈیانہ ج ..... میں ایسے چوک ای منگنی آں۔ پچھلے اٹھاں دساں دِناں وِچ الیس رکشے آلے نے تِن حاربندیاں نوں پچٹ لائے نیں ۔ پر سے دی ڈ کیانہیں۔'' مائی دی گل سُن کے کچھ ہور بندے اگا نہہ پچھا نہہ ہو گئے تے پلس آلیاں ہس کے مائی ول تکیاتے جن پھلاں والاجوان میرے ول آیا <sup>در</sup> نتُبِي وڈ بھرالگدے جے.....جُلَم لاوو.....ا یتھے مُکانیاے کہ تھانے لیجانا اے .....؟ ··جيوين ٿُنين ٿيک سمجھو......' · ، ، مُن آر ڈرلا ؤ .....اسیں حاضر آں ۔'' · · نتُسي كيهآ كھد بےاو .....؟ · ، ميں لوكان ، ركثے تے او مدے مالكان نوں ویہندیاں آکھیا۔ ''اسیںاوس ڈِگے بندےدا چھاوی رکھاں گے ......ڈاکٹر داخرچہ دی ایہ بھرن گے .....گل ایتھے ای نبیڑ دینے آں' " <u>حانج ہو حاوب</u> تے دِنگااے'' «سرجی بِفَکر ہوکے جاؤ<sup>ہ</sup>ن ایہ ہیا ڈی ذمے داری اے'' ایہ آ کھداا وہ رکشے دے مالکاں ول ہوییا۔ میں کھلو تاسوجدا رہیا کہاوہ میرا کیہ لگدا سی.....ایه سبحکون نیں .....ایهناں داکیہاے.....میرا کیہاے.....ایس ویلےا یتھے کیوں نیں .....جیہڑاڈ گیااوہ کتھوں آ رہیا ہی .....کتھے جار ہیا ہی .....کیہڑا ساک..... میرا کیا ہے۔۔۔۔ یرادہ ساڈ سے سجھ داکجھ بے ضرورتی۔۔۔۔۔جاں بیلی تی جاں وَرِی۔ الیس وچ میر بےنال کھلوتا موٹر سائیکل والا ہندہ کک مارن لگیا تے ٹیکی اُتے بیٹھی بالڑی نے دندیاں کڈھدیاں پہلاں اپنے پیوڈ ل تکباتے فیرمیرے ول ..... موٹر سائیکل ٹریکی ..... بالڑی پچھا نہہ ہسدی ویہندی رہی۔ مصنف میڈیا فیئر زڈیپا رٹمنٹ سے منسلک ہیں۔

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ينجابى سليكم

# تہاڈاکیہلگدااے...؟

مدر شبیر میں اکلات آل دوالے سر ای بندیاں دااکھ ، گرمی ، بیم تے پکی دالے چوک د بے وچکا راک لوڈ ررکشہ تے اوس اگے میں پسینے نال بھر یا کھڑا، وَکھو قَد کھا آدازاں د بے داء دور و لے گیڑ بے مارن جیہناں وچ غصبہ تے کردد دھ جریا پیا تی ۔ بولن دالیاں ویاں شکلاں سینما دی خراب سکرین دا تکوں ملن ، تے اکھیاں وی آگھراں داز در چوکھا تی تے تیکیراں دا ساؤنڈ پائی جارہیا تی سینے تو ں پتھوں دور نگل جا۔ اچراں اُوں تجھوایویں ای پتھڈ تے اپنی موڑ سائیکل اُتے بیٹھ تے ایتھوں دُورنگل جا۔ اچراں اُوں لی کہ میں کیے جنگل وی بینالیڈ یاں توں کھلوتا داں تے سرائے الاں ، کاں اُڈ د بے جا رہے نیں۔ میر بر راؤں و یہند بر ٹو ہند یہ جھ پڑ مارد بے تے جدوں بچھن داراہ تکاں تے چارچو فیر بی بھا ہو، دند کڈ ھے گھیا ڈینگھاڑ د بے پھرد بے چنیں۔ الیں سار بے رولے وچ کوئی بچھاہ کو کی این ہیں دِسرا پیا تی۔

میر بےنال اِک ستانی اشحانی ور هیاں دامنڈ ااپنی موٹر سائیکل اُتے تھلوتا سی۔ جیہنے اک بِن چا رور هیاں دابال پچچلی سیٹ اُتے تے اک با راں چود ھاں مہینیاں دی بالڑی پٹرول دالی ٹیکی اُتے بٹھائی ہوئی سی۔ بس او ہدا اک ساتھ میر لے ٹی اک ساہ، اک آس سی۔ ایس دےنا ل اکٹھ ویچ اکوای پیچ دیاں گلاں ہور ہیاں سن۔ '' اوہ تہا ڈاکہ لگدا اے.....؟''

ہوا، چیتے وچ ککھاںا کھر ، ہزاراں گلاں تن پراو تھے بس کُنّی دےاو ہوا ی پندراں ویہہا کھر ورتے جارہے تن ۔

" تهادٌا جانن والاسی .....؟

میں اوس منڈ بےول تکیا تے اوہ ایویں چوڑا ہوکے پڑھر داپیا سی کہ اوہ

اوس ڈرائیورنال نہیں کیے جتی کرکٹ ٹیم دے کیتان نال ہووے۔ " ڈرائیورنوں کیویں چکڑاں اوہ تاں جابیاں وی نال لے گیا ہی۔ او مدےنال بیٹھے بندےنوں آکھوکدا وہنوں فون کرکے سڈپ' اوس مُنڈ بنے کیہ جواب دینا تی کہ اچن چیت سڑک دے کنڈے اُتے ہٹی والا گاہلا ں کٹر ھے دا آ گیا۔ "باؤجی ایہدر کشہ برانہد کرادو.....ایہنوں ایتھے کیوں ڈک دِتا جسارا راه بند ہو گیااے.....دکا نداری خراب ہوندی یکی اے.....' " رب داخوف کرو.....ایس جوان نوں پچھوڈ رائیور کتھے نس گیا اے..... تا ہنوں اپنی دکا نداری دی پئی ہو نگا ہے.....' میر بےنا لکھلوتا موٹر سائیکل وا لا بولیا "ا يہوجيح يا گلاں دا جُھ نہيں ہوسکدا" پڑوچوں <sup>س</sup>ے جی نے أچی آواز وچ سينتر ماری۔ میں نموشی نال ہسدے مُنڈ بے نوں تکیا جبہد بے نالداڈ رائیورنسیا بیا ہی ۔لوکاں دی ہلاہلا این دهی که میں گھا بردیاں پولیس ایمرجنسی اُتے کال کر دِتی ،فون اُتے اینان پیټد کم لکھایا۔ایخ اخبار داد سیاتے آل دوالے کھلوتے جی کناں ویچ گلاں کن لگ یئے۔ ایر جنسی آلیاں پُنجاں منٹاں وِچ آ ون دا آ کھیا۔میر پیاوس کال مگروں ڈرا ئیود یے نالدا جی کچھ چنتن جا پیاتے او بنے بوجھے چوں اپنا موبائل کڈ ھیاتے کے نوں فون کرن لگ يا\_ یولیس اج آئی نہیں تک کہ اک ڈالے گڈی وچ دوائے چوڑے بھارے بجُيْح والے بندے آگئے۔ پہلاں اوہناں رکشے نوں جاراں پاسیاں توں تکیا فیر مکرے یئے سامان وَلَکْنتی کردیاںاک نگاہ ماری۔ مائع لگےشلوارسُو ٹ بگل ویچ سونے دِیاں حَیناں۔بانہواں ویچ کڑے تے راڈودیاں گھڑیاں تے اوس منڈے ول ویکھیا۔ "ايبها باده با وجيهند يوليس نو ب كال كيتن سي " ژرائيورد ب نالد ے منڈ بے نے ایویں آگھیا کہ جیویں میں کسے دُشمن دلیں داجا سوں ہوداں تے سارے مجمع نے پھڑ کے وچ چوک لیا کھڑا کیتا ہووے۔ " جاجی صاحب <sup>پ</sup>ُن سا را دقوعہ سا ہنوں دَسوٰ 'اوہناں د وہاں چوں اک نے میرے نیڑ ے ہوندیاں، شرٹ دا کالر پھڑ <sup>کے پ</sup>چھیاتے ڈ وجاا پنااک مہنگاموبائل

سے پر سے پر سے بولدیاں مرت دانا کر چہر سے چیا ہے دوجا ہیں ان مہل خوبان کلہ ھے اومدی اسکرین نال کھیڈن لگ پیا۔ میں لوکاں وَل اک بھرویں نگاہ ماری تے اک لماساہ لے کے بولیا۔

'' جناب ایس لوڈ روئ ڈرائیور نے بیچھلے چوک ویچ اک موٹر سائیکل والے لوں سائیڈ ماری پراوہ نیچ گیا۔ پراو ہنے نے اوس اُتے وی بس نہ کیتی تے فیر تھم کے ایویں دی سائیڈ کرائی کہ اوہ بندہ پلٹنیاں کھاؤندا کرین بیلٹ ویچ جاڈ گیا۔ ٹہا ڈا ایہ منڈ اتے اوہ ، دوویں لوڈرنساؤند کے اندر گلی ویچ ہو گئے تے اسیں گروں آن کے ایتھے ڈکیا'' منابیٹھا سال۔

· تہانوں کیویں لگیا کہ تلطی ساڈے ڈرائیوردی ہی' موبائل والے جوان

سر گ ہ

# ملتان (ٹرانسمیشن)میں ڈے اینڈنائٹ کرکٹ ٹورنامنٹ کاانعقاد

عثمان کریم بیگ ماضی کی روایات کوزند ہ رکھتے ہوئے اسلال کیم سے 9 نومبر تک ایس این جی پی ایل ڈیزیز ڈ ایمپلا کر میوریل (SNGPL Deceased Employees Memorial) ڈی اینڈ مائٹ کر کٹ ٹو رنامنٹ یعنی ایس ایس ایل فائیو کا ٹر اسمیشن گراؤنڈ میں انعقاد کیا گیا جس میں ڈسٹری بیوشن اورٹر انتمیشن کے تنگف شعبہ جات کی چودہ ٹیموں نے شرکت کی ٹو رنامنٹ کا فتتاح جزل مینیج ( ملتان ریجن ) عبد العزیز اور شہادت علی صاحب نے کیا یے تمام ملاز میں ، افسران واسٹاف اور کالونی کے رہائی ملا زمین کے بچوں کو مقابلوں میں کیساں نمائندگی دینے اورٹو رنامنٹ کی دلچے ہی کو آخری کھا ت تک قائم

رکھنے کے لیے تمام ٹیمز کودو گروپل "جونیر ز "اور "سینٹرز "میں تقسیم کیا گیا جس میں سینٹر پول میں میٹرنگ شاپ ملتان کی ٹیم آرا یم ایس جا گورز فائنل مقابلے میں کمپریش پینتھر زکومات دیتے ہوئے فاتح قرار پائی جبکہ جونیٹرز پول میں کالونی پانڈ ا اسٹارز،مرحوم ملاز مین کے بچوں کی ٹیم د بنگ چیتاز کوز مرکر تے ہوئے ٹورنا منٹ کے فاتح قرار پائے لورنامنٹ کا ختنام پروقا راختنا می تقریب میں ہوا جس کے مہمان خصوصی شہادت علی صاحب اور ٹورنا منٹ کے اسپانسر میزان بینک کی جانب سے ریجنل مینیجر نے نمایاں کارکردگی دکھانے والے کھلاڑ یوں میں انعامات تقسیم کئے۔ مضمون نگار ایڈمن سیکشن ، ملتان (ڈسٹری بیوٹن) کے ڈیٹی چیف افسر ہیں۔



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وسيب



مسلے کی نشاند ہی ہوئی کہ یہم کی وجہ سے عمارت کو نقصان پینچنے کا خطرہ ہے۔ اس خطرے کے پیش نظرت بتک بننے والی تمام عمارت کو گرادیا گیا اور 20 فٹ بلندا یک چوہترہ بنا کر اُس پر نئے سرے سے مسجد کی عمارت تعمیر کی گئی۔ اس سے مسجد کی پائیدار کی کے ساتھ خوبصورتی اور جلال و عظمت میں بھی اضافہ ہو گیا۔ 1975ء میں رئیس غاز کی محمد کا انتقال ہو گیا۔ اُن کی وفات کے بعد ان کے ہڑ سے بیٹے رئیس شبیر محمد نے مسجد کا کا موات کے بڑھایا جو خود بھی در ویش صفت 10 نے ہڑ سے بیٹے رئیس شبیر محمد نے مسجد کا کا موات کے بڑھایا جو خود بھی در ویش صفت 10 نان سے 1985ء میں مسجد کی تعمیر کمل ہو کی تو اسے بین الاقوا می شہرت حاصل 10 نان تقے 1982ء میں مسجد کی تعمیر کمل ہو کی تو اسے بین الاقوا می شہرت حاصل 10 نافراد یت کی وجہ سے 1986ء میں اسے تعمیر ات کے شجہ میں آ غا خان ایوارڈ بھی دیا گیا۔ 12 مئی 2004ء کو کو موت پاکتان نے اس مسجد کی تصوری والا ڈاک کیل

عمارت میں ایک وسیع دار المطالعہ، مدرسد اور وہ تجرہ تھی موجود ہے جہاں رئیس غازی ٹھ عبادت کیا کرتے تھے مسجد میں داخل ہونے والا مرکزی دروازہ مشہد میں حضرت اما مرضا کے مزار کے صدر در وازے جیسا ہے ۔ اندر کی ایکڑ پر مشتل فواروں سے مزین وسیع لان ہے ۔ داہداری سے گز رکر سیڑ ھیاں پڑ ھے کے بعد صحن ہے جو سنگ مرم اور سنگ سیاہ سے آراستہ ہے۔ یہاں بیک وقت دوہزار نمازی نمازادا کر سیتے ہیں۔ ایک بڑ ے گذہد کے نیچ خواتین کے لیے نماز پڑ ھے ک جگہ مختص ہے جو خواتین کی جعد مسجد کہلاتی ہے ۔ تمام در وازے ہاتھی دانت کے نفیس اور باریک کام سے مزین ہیں۔ برآ مدے میں تقریباً 500 نمازی نمازادا کر سکتے ہیں جو کہ اٹھارہ ستونوں پر مشتمل ہے۔ ہر ستون ایک ہی چیے قدرتی رنگ پر مشتمل آٹھوف بلند ہے۔ مرکزی محراب کی تزئین دا رائش میں خالص سونا ُ چاندی اور قیمتی ہے۔ دکش تقش ونگار خوبصورت گلوکاری اور منفردڈ یز ائن پر شتمل میڈ میں کہا کیا گیا جرت ز دہ کردیتا ہے۔

میں داقع ہے۔ بیہ سجد بہاولپورے 240 کلومیٹرزاور دحیم یارخان سے تقریباً 55 کلومیٹر دورواقع ہے اپنے عدہ ڈیزائن ، منفر دطر زیتم میراور جاذب نظر خطاطی کی وجہ سے اس مسجد کوخاصی شہرت حاصل ہے۔ اس ممارت کی تغمیر 1932 میں سر داررئیس غازی محمد نے شروع کی۔ آپ کے جدامجد حضرت بہاءالدین زکریا کے خلفا میں سے بتھے۔ رئیس محمد غازی اعز ازی مجسٹریٹ اور بہا ولیوراسمبلی کے رکن بھی رہے ۔ کثیر مال ودولت ہونے کے باد جودانہوں نے درویشا نہزندگی گزاری۔ دین تعلیم کاحصول،عبا دت و رياضت، يهاجى كامول اور مختلف علاقوں ميں مساحد كى تتميران كى زندگى كامشن رہا۔رئیس محمد غازی نے 1932ء میں اپنے خاندانی محل نما گھر کے قریب مسجد کی تعمیر کے لیے ہدایات دیں اور کنیز سر مایہ فراہم کیا یتمیر کے ایک ایک مرحلے پرانہوں نے ذاتی دلچیں لی البتہ تعمیر کی تکرانی کے لیے ماسٹر عبدالحمد کومقرر کیا جنہوں نے نہایت محنة اورنوجہ سے ذمہ داری نبھائی ۔مسجد کیلئے آسٹر یا ،ہنگری ،اٹلی اور دیگرمما لک سے سنگ سرخ، سنگ مرمر، سنگ خارا، سنگ سرمتی اور سنگ سا دہنگوائے گئے۔ان پتح وں کوکاٹنے اور تراشنے والے، ٹائلز پر پھول بنانے والے، مینا کاری وخطاطی کرنے والے،صندل کی ککڑی پر باریک اورنفیس کا م کرنے والے،گل کاری کرنے والے، سونے کے پھول بنانے دالے سیکڑوں کا ریگروں کی خد مات حاصل کی گئیں۔ ېيەسجىر 1932ء سے 1982ء تىك تقريباً پچاس سال مىں كمىل ہوئى \_ان پچاس برسول میں ہزاروں کاریگروں نے تعمیر میں حصہ لباجن کاتعلق پا کستان اور ہندوستان سے تھا۔اس دوران کئی کاریگرعم رسید ہو گئے، پچھانتقال کر گئے۔ان کے بیٹوںاور بعض کے بوتوں نے یہذ مہداری سنھالی۔ یوں تین نسلوں نے تعمیر میں حصہ لیا۔ تمام کاریگروں کوان کی مہارت اور تجربے کی بنیاد پراُجرت دی جاتی تھی ۔ ماہر کاریگروں کاہرطرح سے خیال رکھا جاتا بلکہ ان کے بچوں کی شادیوں کے اخراجات رئیں محمد غازى اداكرتے بتھے۔

تاريخىبھونِکَمسجد

اد یب احدراد بجونگ متجد شلع رحیم پارخان کی تخصیل صادق آباد کے گاؤں جھونگ

مسجد کی تغییر میں مصروف کار گیروں کے قیام وطعام کا انتظام بھونگ میں بھی کیا گیاتھا اور بہت پی مراعات بھی حاصل تھیں۔ جب سجد کی تغییر کا آغاز ہوا توصادق آباد سے بھونگ تک مناسب ذرا کع نقل وحمل موجود تھے نہ بھی پختہ سر کتھی لہذا بھاری مشینری اور تغییر اتی سامان صادق آباد ر ملوے انٹیشن سے بھونگ تک تقریباً 20 کلومیٹر کچر استوں پر پیل کا ڑیوں اور اونٹوں پر لا دکر لایا جاتا تھا۔ 20 میں میں ترک سے لیے کوئی با قاعدہ نقشہ نہیں بنایا گیا تھا۔ ایک خاکر کی سے 20 مارت کے لیے کوئی با قاعدہ نقشہ نہیں بنایا گیا تھا۔ ایک خاکہ رکیس 20 مارک میں جارت ، وہاں کی مساجد دیکھتے اور جوچز پند آجاتی اُس کے مطابق مسجد 20 محموں کو دوبارہ بلکہ مہ بارہ بھی نئے سرے سے تھیر کیا گیا۔ 20 میں ایک نئے



بیں۔ رنجیت سکھ کی ساد دھیں اس کے ساتھ ہونے والی تی را نیاں اور کنیز وں کی سادھوں کے نشان بھی دکھائی دیتے ہیں۔ دیواروں میں جگہ جگہ کا شی کا پرانا کا م بھی نظر آتا ہے۔ عمارت کی حفاظت کے لیے بہت اعلیٰ انتظامات کیے گئے ہیں۔ اس کے باوجو دبھی بجلی کے پکھوں کی تصیب میں منتظمین نے بغیر سوچ سمجھ لو ہے کے پائی دیواروں میں گاڑھ دیئے گئے ہیں۔ پائی دیواروں میں گاڑھ دیئے گئے ہیں۔ موجو دہے لیکن ابھی بھی مزیدا نظامات کی ضرورت ہے۔ اس کے ساتھ ساتھ ما م عوام کو بھی سکھوں کی ان مقد س جگہ وں تک رسائی ملنی چا ہیں تا کہ وہ اس جگہ کی تاریخ کر ساتھ ساتھ سکھ دھر ماور ان کی مقد س جگہ ہوں کے بارے میں بھی جا نکاری حاصل کر سکیں۔ ہے۔ اس طرح کے درواز نے نینوں سید هوں میں ہیں۔ دروازہ کلاں کے ساتھ ساتھ دائیں اور بائیں جانب فر ددر واز بے بھی ہیں۔ ساتھ دائیں اور پائیں جانب فر ددر واز بے بھی ہیں۔ سقف اور دیواروں پر شیشے کا خوبصورت کا مدکھائی دیتا ہے۔ کمرے کی ثنال سیدھیں گر نتھ پڑھنے کا انظام کیا گیا ہے ۔ اس کے او پر انتہائی مہنگا فانوں دکھائی دیتا ہے۔ کمرے کے میں وسط میں خاص رنجیت شکھ کی سادھ ہے جس کے چاروں جانب انتہائی نفیں سنگ مرم کے چو کھٹے ہیں۔ سقت کے ینچ چاروں جانب انتہائی خوبصورت نفیں سنگ مرم کے چو کھٹے ہیں۔ سقت کے ینچ چاروں جانب انتہائی خوبصورت نفیں سنگ مرم کے چو کھٹے ہیں۔ سقت کے ینچ چاروں جانب انتہائی خوبصورت ما اتھ رنجیت سکھ کے سب سے بڑ فرزند دلیپ سکھ کی تصاور شیشت کے فریموں میں دکھائی دیتی ہیں۔ غلام گر دشوں کے نیچ پائی طرز نقیہ میں دیواریں ہیں۔ گر نتھ کے احترام کے لیے ایشیائی خوبصورت مور چھل بھی رکھے گئے

گیا ہے۔اس چبوترے کے نیچے کا مکان بطور تبہ خانے کے پولا ہے۔ چبوترے کے وسط میں لا ثانی مکان سادھ کا بنا ہے۔جس کے تین تین دروازے چا روں طرف رکھے ہوئے ہیں۔ ہرایک دروازے کی چوکھٹ سنگ مرمر کی اور جوڑیاں چوبی ہیں۔ ان مینوں میں سے ہرایک در میانی دروازہ کلاں اور بغلوں کے چھوٹے ہیں۔مشرقی دروازہ در میانی آمدورفت کے لیے کھلار ہتا ہے۔

اس درواز ےکازید سنگ مرمرکا ہے اور در دازے کہ آگا یک سیاہ پتھر کی بڑی سل نصب ہے۔ اس درواز ے کے اندر جا کیں تو بڑا وسیح مکان مسقّف آتا ہے۔ اس کے وسط میں ایک بارہ در کی عالیشان اس بارہ در کی کے آٹھ ستون سنگ مرک تھے چونکہ ستون نازک اور او پر ہو گئے، جا بجا در زیں آگئیں ۔ قریب تھا کہ وہ لا ٹانی عمارت گرجا ہے، جب عمارت کا ایساحال صاحبان عالی شان نے دیکھا، مولف کتاب کو کہ ایگز کیٹوانجینئر وہ جہم عمارت ڈویژن لا ہورتھا۔ تھم دیا کہ اس کے استحکام کی تد بیر کرنی چا ہے۔ چناں چہ مولف اس کام میں بہ دل وجان مصروف ہواا وران آٹھ ستونوں کے ساتھ آٹھ ستون نشتی اور بڑھا دیتے۔ جب گیند کی عمارت کے نیچے بچائے آٹھ کے سولہ ستون خشتی اور پر طاد یے۔ جب گیند کی مضبوط ہونی حلقہ ڈال کر مشتم کم کی سے تھا تو اند پشان کے گر نے کا رفع ہوگیا۔ اس بارہ در کی عمارت نہا ہے تھی منتقش و مطلا ہے اور وسط میں ایک

عالیشان بنگل سنگ مرمر کا بناہوا ہے جس کے چار در ہیں۔ دروں کے ستون وغیرہ متعلقہ سنگ مرمر کے ہیں مگر او پر کا گنبذشتی ہے۔ اس بنگلے کا گنبد بڑے گنبد کے پنچ نہایت خوبصورت معلوم ہوتا ہے ۔ بنگلے کے بنچ میں ایک چبوتر ہ سنگ مرمر کا، اس پر سادھ تکمین مہار اجہ زنجیت سنگھ کی، وسط میں بنی ہوئی اور گیارہ تا دھیں اور گیارہ را نیوں کی ہیں جومہا راجہ کے ساتھ تق ہوئی تھیں اور دوساد دھان دو کہوتر وں کی ہیں جو بدوفت داغ دینے کے خش کے چنا کے اندر اڑتے ہوئے آ پڑے متھا درمہار اجہ کی لغت کے ساتھ ہی جل گئے تھے۔'

خوشنونت سکھ نے اپنی کتاب' مہماراجہ رنجیت سکھ' (ص۔255 ) پر رنجیت سکھ کی آخری رسومات کا تذکر ہان الفاظ میں کیا۔

<sup>دو</sup> الحظے دن مہاراہ جد کی لاش کو گذگا جل سے نہلا یا گیا۔ اسے بحری جہاز کی شکل کی صندل کی لکڑ ی کی چتا پر لٹا دیا گیا۔ اس جہاز کے باد بان ریشم اور تُمنل کے بنائے گئے تھے۔ وزیروں اور دربار یوں نے چتا پر شالیں ڈال کراپنی عقیدت کا آخری مرتبہا ظہار کیا۔ سی ہونے والی چار را نیوں اور سات ملاز ما وَل سمیت جنازہ قلعے سے روانہ ہوا۔ انہوں نے شا دی کالباس اور زیورات پہنے ہوئے تھے۔ وہ و قف و قف سا پنی کو کی چوڑ کی، گڑایا کو کی زیور تو ٹر کر فقیر وں کے جوم میں اچھال دیت تعیس یا مقدر کی گیت گانے والے برہمنوں میں سے کسی کو دے دیتی تھیں۔ جنازہ شہر کی نتک گلیوں میں سے گزرا، جوروتے ہوئے لوگوں سے بھری ہو کی تھیں۔ ن رنجیت سکھ کی موت کے بعد اس کی ظلیم الشان ساد دھر گارت کی بنیاد اس کے بیٹے کھڑک سنگھ نے رکھی۔ ساد ھی کا تعمیر کیلئے سنگ مرم اور دوسرا فیتی پھر ہندوستان کی مثلف جنگوں سے منگوا ما گیا۔ کھڑ کی سنگھ کی ایک برس کے اندرموت واقع

ہوگئی۔اس کے بعد ساد دیرکی تغمیر مہاراجہ شیر سنگھ کےوقت میں بھی جاری رہی ۔اس د دران سکھر پر داروں کی انگر بزوں کے ساتھ چھڑییں جاری رہیں ۔جس کے ماعث نتمیر كاسلسله سلسل نهديا اس عمارت كي تغمير انكريز سركا ريح مهد ميں ہوئی۔سادھ کی عمارت جوکہ مادشاہی مسجد اور برانے روشنائی دروازے کے ساتھ ملحقہ ہے۔ عمارت میں داخل ہوتے ہی گروار جن دیوجی کی سا دھاورگوردوار ہ ہےجس کے ماعث بہتما مجگہ ڈیرہ صاحب کہلاتی ہے۔تقسیم تک اس گورد دارے میں یوجا پاٹھا بنے روایتی طریقے سے جاری رہی۔اس جگہ پر عام سکھ خلقت کا ہر وقت رش رہتا تھا تفسیم کے وقت انسانی تاریخ کی جو بڑی ہجرت ہوئی اس کی کوئی مثال نہیں ملتی ۔ دونوں جانب سےلوگوں کیا یک بڑی تعدادا سے برکھوں کے گھر چھوڑ کراجڑ کر دوسر بے دلیس میں جانبی سکھوں کی ایک بڑی تعدا دیہاں سے نتقل ہوگئی۔جس کے بعد یہ جگہ عام خلقت کی رسائی سے ماہر ہوتی گئی۔سادھیوں اور گر ددار کی جگہ محض طالب علموں اور سکھ یا تریوں کے لیختص ہوکرر ہ گئی۔وقت کے ساتھ بڑھتی دہشت گردی کے ماعث یہ مقامات مزید حساس ہو گئے۔ عہدجا ضرمیں سرگوں کی تعمیرات بھیل کے میدانوں کوتجارتی شکل دینا اور دیگر حساسیت کے معاملات کے ماعث ماد شاہی مسجدا وراس سے ملحقہ دیگر عمارات کی رسائی تک رائے آئے دن تبدیل ہوتے ریتے ہیں۔اس وقت مروجہ راستہ مینار پاکستان کی گراؤنڈ میں سے یے قلعہ لاہور کی مشرقی سیدھ میں تمام راستوں کے ساتھ حفاظتی جنگ نصب کرد ئے گئے ہیں قلعہ کی جانب سے آتی گھاٹی کی مغربی سیدہ میں ساد ھکا داخلی درواز ہ ہے۔ دروازے سے مائیں جانب گرو ارجن کی سادھ ہے۔جس کے ساتھ بھی برانے گورد دارے کی ممارت بھی تقلی۔اس تمام جگه کواز سرنونتم پر کیاجار ہاہے ۔اس جگہ سے مغربی سید دہ میں زمینی منزل پر کمر وں میں سرکاری دفاتر موجود ہیں۔ان سےاو پر کی منزل پر مہاراجد نجیت سنگھر کی ساد ھے۔ سٹر ھیاں چڑ ھ کرسا منے کھلے تن میں سکھ دھرم کے خاص دھر مک رنگ "جوگيارنگ"مين ايک جھنڈاد کھائي ديتا ہے جس کو' کھنڈ اصاحب'' کہا جاتا ہے۔ اس کے ساتھ مشرقی سید ہیں کچھ پرانے کمرے ہیں۔جن میں گردوارے کانظم و نىق كرنےوالوں كےد فاتر ہيں \_اس كى جنوب سيد ھ ميں مغل عہد كاروشنا ئى دروازہ ہے۔اس کے ساتھ ہی مشرقی سیدھ میں خاص سادھ کا داخلی درواز ہ ہے جس پر رنجیت سکھر کی تصاویر بنائی گئی ہیں۔وقت گزرنے کے ساتھ ساتھ ان تصاویر کی حالت بھی انتہائی مخدوش ہے۔اس کےاو پرخاص تکھی طرز تعمیر کا گذہد ہے۔ تمام عمارت سفیداورجو گیارنگ سے مزین ہے۔ اس کی دیوار پرجگہ جگہ کبوتر وں کے گھونسلے دکھائی دیتے ہیںاورفرش پر بھی کبوتر دن کادا ناادر کبوتر نظراً تے ہیں۔زیٹنی منزل پرتتم پر ہونے دالے گرد دارے کوقتی طور پررنجیت سنگھ کی ساد ہد میں منتقل کردیا گیاہے۔ ساد ہ میں داخلے کے لیے

احتراماً دروازے کے باہرا یک چھوٹاسا تالا ب تعمیر کردیا گیا ہے۔جس میں سے گز ر کرساد دھ میں داخل ہواجا تا ہے۔ پیرتالا ب کے پانی سے دھل جاتے ہیں اور جرا ہیں پہننے کی اجازت بھی نہیں ۔ آمدورفت کے لیے مشرقی سید ھکا درواز ہ استعال کیا جا تا

ن اپنی تنگی ماں کا اپنے ہاتھ سے قتل کیا اور دیوان ککھپت رائے کو بھی ایک سازش کے تحت مروایا گیا۔ دیوان لکھپت رائے اور مائی ملوائن کے بارے میں اب تک کئی کہا نیاں لوگوں کی زبان پر ہیں۔ وقت گزر نے کے ساتھ ساتھ رنجیت سکھنے دوسری ثلوں کو اپنے ساتھ ملایا اور کچھ پرطاقت کے زور سے قضہ کرلیا۔ رنجیت سکھ نے 1799ء میں بھتکی مثل کو لا ہور جا کر شکست دی۔ اس وقت لا ہور پر سما کمان گو جر سکھ اہنا سکھا اور سو بھا سکھ کی حکومت تھی۔ اس وقت لا ہور کے تما م درواز وں کو کچی ایڈوں کے ساتھ رزدیا گیا تھا۔ صرف تین درواز ے دبلی مدرواز وں کو کچی ایڈوں کے ساتھ رند کر دیا گیا تھا۔ صرف تین خار درواز ے دبلی مدرواز دی کو کچی ایڈوں کے ساتھ در اور دیا گی تھا۔ صرف تین کی جانب بھیج دیا اور دیگر در باریوں نے دھو کے سے فونج کو دبلی درواز کی میں جانب بھیج دیا اور دیگر در باریوں نے دھو کے سے داخل ہو کر شہر پر میں میں دواز دی ہو کہ با آسانی لو ہاری درواز ہے سے داخل ہو کر شہر پر

12 اپریل 1801ء میں تمام پنجاب پر سکھ سرکار بن گنی اور پنجاب پر سکھ حکومت رنجیت سنگھ کے آخری سانس تک جاری رہی۔اس وقت پنجاب کی حدود سنگج سے جہلم تک کے وسیع علاقت تک پیمیل چکی تھیں۔ان ہی برسوں میں ایسٹ انڈیا کمپنی پنجاب کے علاوہ ہندوستان کے کم ویش تمام علاقوں پر بلا وا سطداور بالوا سطہ سرکار قائم کر چکی تھی کہینی کی حکومت کو سکھوں کی بڑھتی طاقت اورد وسری جانب افغان حملہ آوروں کے حملوں کی بھی کمل سمجھتی۔ یہی وجہتھی کہ دونوں حکومتیں وقاً فو قاً ایک دوسرے سے ساتھ معاہدے کرتی رہیں۔

1839ء میں رنجیت سنگھ نے وفات پائی تو 1844ء سے 1849ء تک کے عرصہ میں انگریز پورے پنجاب پرکمل قبضہ حاصل کر چکے تھے۔رنجیت سنگھ کی تمام عمر میدان جنگ اورخوا تین کی سنگت میں گز ری اور اس کے ساتھ ساتھ لا تعداد کہا نیاں بھی جنم لیتی رہیں۔ یہی دجہ ہے کہ اس کی زندگی اور اس کے بعد بھی کئی کتب تحریر ہو کیں۔ شاہ شجاع سے کوہ نو رہیر ے کالینا، آٹھ بیٹوں کا باپ ہونا، لیکن صرف دو بیٹے حقیق تسلیم کیے گئے۔ جن کے نام کھڑک سنگھ اور دلیپ سنگھ تھے۔ باقی جو بیٹوں کے نام ایشر سنگھ، کیو داستگھ، تاراستگھ، ملتا نہ سنگھ اور کشیر استگھ تھے۔

ساد هکا تذکره کنهالال ہندی نے اپنی کتاب تاریخ لا ہور (ص-227) پر اس طرح کیا ہے۔'' میعالی شان مکان ساد هکا رو شنائی درواز ے سے باہر ، فصیل کے لیچی ، دیواد بردیوار متحد باد شاہی کے بہ جانب ثلال واقع ہے۔ دروازہ آمد ورفت مشرق کی سمت کو ہے۔ دیوار مشرقی اس مکان کی پخته ریخت کا ر ہے۔خاص در واز ے کے پنچواد پر اور راست و چپ بہت ی دیوار سنگ سرخ کی بنی ہے۔ پاچ زینے چڑھ کر درواز ے میں داخل ہوتے ہیں۔ بیز بیندا ورچو کھ بھی سنگ سرخ کی بنی ہے۔ درواز ہ عالی شان مقطع تھڑ ے دار بنا ہوا ہے او پر درواز ے کتین مورتیں منوتی شوجی و گنیش جی و بر ہما کی پتھ میں بنا کر نصب کی گئی ہیں۔ اس مشرقی دیوار کی پہلی منزل میں جو جرے میں ان میں دکا نداردکان کرتے ہیں اور او پر



مجمی سنگ سرخ کی بیں اور در واز بے چوبی۔ درواز بے سے داخل ہو کر ڈیوڑ ھی سے ثنال کی سمت زیند سنگ سرخ کا اوپر جانے کے لیے اور جنوبی کی سمت ایک کو تھری اورا یک زیند قالبوتی خشتی بنا ہے۔ میزیندا و پر محن میں جا کر کھلتا ہے اور علین چو کھٹ لگی ہے۔ اس درواز بے کے جنوب و ثال نشست گاہیں بنی ہیں جس کے در واز نے تو صحن کی سمت ہیں اور در یے با ہر کی سمت نہا یہ مقطع و علین ہیں ۔ انہی مکا نات میں سے ایک میں سنگ مرم کی بن د یوی کی نہا یہ اور ب کے ساتھ رکھی ہے۔ د یوی جی کا تخت اور بنگ سنگ مرم کا ہے۔ بنگلے کی چھت بھی سنگ مرم کے ایک تیخت کی ہے۔

میر بنگارنہا یت خوبصورت قابل دید ہے۔ جس کے دیکھنے سے طبیعت میں فرحت آتی ہے۔ دیوی جی کی سواری سنگ مرمر کے شیر پر ہے۔ میقصویر دیوی جی کی رانی جندال والدہ مہار اجد لیپ سنگھ کے پاس مثمن برج میں رکھی ہے۔ جب اس کوجلا وطن کیا گیا تو اس نے سا دھ پر مورت بچھوا دی، تب سے اسی جگھ پر رکھی ہے اور پچاری علیحدہ مقرر ہے۔

دیوی جی کے مکان کے محاذ می محن کا فاصلہ چھوڑ کرزینہ تادھ ہے۔ یہ عالیشان سادھا یک عالیشان چہوترے پر ہے جس کاار تضاع پانچ فٹ کے قریب ہوگا۔ جانب مشرق وسط میں چہوتر کی سیڑھی ہے۔ چہوترے کے سر پر سنگ مر مر کی سلیں بہ سمت مشرق وشمال لگائی گئی ہیں ۔ مگر جنوب اور غرب کی سمت خشقی بند لگایا

جبکہ دوسرا گروہ برکہتا ہے کہ وہ سانسی (گوت) قبیلے میں پیدا ہوا۔ بیر دوایت زیادہ متند ہے۔ یہ بات ذ<sup>ب</sup>ن میں رہے کہ سانسی وہ لوگ ہوتے جو ہوشتم کا جا نورزندہ، مردہ کھالیتے ہیں۔ایسے جانور بھی جو عام لوگ نہیں کھاتے جیسا کہ کتے ، بلیاں، چوہے، سانپ وغیرہ۔

رنجیت سنگھ کے آباؤا جداد سکھوں کی بار ہویں مثل ''سکر چکیوں' ' میں سے تھے۔ اس مثل کی بنیاد سر دار چڑ ہت سنگھ نے رکھی تھی جو کہ سکر چک میں رہتا تھا۔ اس کے باپ کا نو دھاقو م جاٹ اور گوت سانسی تھی۔ اس قبیلے کے افراد زیاد ہ گوجر انوالہ (مشتر کہ پنجاب ) کے رہنے والے تھے جن کی زندگی انتہائی برے حالات میں تھی۔ اکثریت افراد کا گز اراز راعت پرتھا۔ اس مثل کا پہلا معروف نا م بد ہے سکھ ڈ اکو کا ہے۔ تقسیم یے قبل تک بد ہے سکھ اور اس کی گھوڑی '' دیسان'' کی کہانیاں دیہا توں میں عام تھیں۔ وہ اپنی گھوڑی پر جہلم ، راوی اور چناب کو پچا س میل تک تیر کر پارکر لیتا تھا۔

بدھ تھ پہلاخص تھا جو کہ گروگو بند جی کے ہاتھوں خالصہ ہوا تھا۔ بدھ سگھ کی موت بھی افسانو کی تھی۔ جس کے ساتھ ہزار ہا کہا نیاں منسوب ہیں۔ بدھ شگھ کے بعد نودھ شکھ نے ایک جتھا بنالیا اورا فغان پٹھانوں سے لڑائی کے بعد راوی اور جہلم کے درمیان حصے میں پڑھ علاقے اپنے قبضے میں کرلیے نو دھ شکھ کے نام کے ساتھ سکر چکیہ مشہور ہوگیا۔ اس کے عہد میں سکر چکیہ ایک طاقتو مثل بن گئی۔

اس تمام عرصے میں افغان پٹھانوں کے ساتھ لڑائیاں جاری رہیں۔ ان لڑائیوں میں 1752 ، کونو دھ تھ مارا گیا۔ اس کے چار بیٹوں میں سب سے بڑا چار ہت سکھ تھا جس نے اپنی سرکارکو سکر چک سے اٹھا کر گوجرانو المنتقل کر دیا۔ اس کی بھی تمام زندگی پٹھانوں اور دیگر سکھ شکوں کے ساتھ لڑائی میں گزرگی۔ اکثر لڑائیوں میں اس نے شکست کھائی اور پھرا یک لڑائی میں اپنی ہی تو ڑے دار بندوق سے شنے سے مارا گیا۔

اس کے بعد اس کے جند کی باگ دوڑ اس کے بیٹے مہا سکھ کے ہاتھ آئی جس کی شادی جند کے سر دار ، سر دار گجیت سکھ کی بیٹی سے ہوئی جس کا اصل نام رائ کور قعااور دو سکھوں میں مائی ملوائن کے نام سے جانی جاتی ہے ۔ مہا سکھ کے گھر ہی رنجیت سکھکا جنم ہوا۔ مہا سکھ کی زندگی اور رنجیت سکھ کے ابتدائی ایام کے دوالے ہی رنجیت سکھکا جنم ہوا۔ مہا سکھ کی زندگی اور رنجیت سکھ کے ابتدائی ایام کے دوالے سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ' (ص 22) سے در ن ذیل ہے۔ سے افتراس خوشونت سکھ کی کتاب " رنجیت سکھ کی در اس 22) سے در ن ڈیل ہے۔ سے میں میں اس کی حیثیت بہت معلوں ہوگی تھی ہے تی سے شادی کی تھی ۔ اس کی معلی کار دارس نے ایک فلی میں اس کی حیث میں اس نے این نام پر گر تھی مہا سکھ رکھا۔ اس نے این فلی چھ میں کھی اضا فہ کیا۔ اس کے بعد شہ سوار دن کی تعد ادہ 1000 ہوگی اور اس نے این اور جا دی میں قدی ہوں میں لیا ۔ و معلی پور ، پنڈ کی بھی ایں ، سا ہیوال ، میں پنی نی اور سی لکو نے بیر قابض ہو گیا۔ اس کے بعد دہ این کی بھی ایں ، سا ہیوال ،

طرف بڑ ھا۔ جموں کا ہندوڈ وگراحکمران اس دولت مندشہ کو بے رحم سکر جا کیوں کا نثانہ بننے کے لیے چھوڑ کرفرار ہوگیا۔مہاسکھ نے جموں کوفنچ کرکے سکرچا کیہ شک کو نسبتاً گمنامی سے نکال کرنماماں ترین مقام پر پہنجادیا۔ کنہما جو کہ بھنگیوں کی جگہ سب سےطاقتو مثل بن گئے تھے، جموں پر قبضہ کرنے کے لیے مہاسکگھ سے نہر دآ زما ہو گئے ۔ دونوں مثلوں میں متعددم تہ لڑا ائیاں ہوئیں ۔ایک لڑائی میں کنہہا ؤں کے سردار کا اکلوتا بیٹا گر بخش شکھ ہلاک ہو گیا۔ اب کہنیا سردار کا فخر مٹ چکا تھا۔ اس نے اطاعت قبول کی اوراینی سب سے بڑی بٹی مہتاب کور کی شادی مہاسکھ کے بیٹے رنجیت سنگھسے کردی۔ کنہا سر دارتھوڑ عے جے بعد فوت ہو گیا۔اس کے مقبوضہ علاقوں کی باگ ڈوراس کی ہیوہ سدا کور کے ماتھا گئی۔'' رنجیت سنگھ کی پیدائش کے بارے میں خوشونت سنگھ نے اپنی کتاب "رنجيت شگھ" (ص-23) پر پچھاس طرح تحرير کيا ہے۔ " رنجیت سنگھ 13 نومبر 1780 ،کومنگل کے دن پیدا ہوا۔ قیاس ہے کهاس کی پیدائش گوجرانواله میں ہوئی تھی۔رنجیت عکھر کی پیدائش کی تاریخ اورمقام ک<sup>2</sup>والے سےاختلاف رائے پایا جاتا ہے۔ گوجرا نوالہ میں دو کمروں والے ایک یرانے مکان پر دوختیاں نصب ہیں۔ایک کمرے کے باہر نصب شخق پر ککھا گیاہے کہ يبال رنجيت سنكھ 2 نومبر 1780 ءكو بيدا ہواتھا۔ مېك گريگور، گريفن ، بريم سنگھاور ڈا کٹر گنڈ اسکھ سمیت بہت سے تاریخ دان اب گوجرا نوالہ کورنجیت سکھر کی جائے پيدائش شليم کرتے ہيں۔ تا ہم 13 نومبر 1780ء ہي کواس کي مصدقہ تاريخ پيدائش ماناجا تاہے۔ بعض مؤرخ کہتے ہیں کہ رنجیت سنگھ ایک چھوٹے عسکری شہر بدر کھان میں پیدا ہوا تھاجوسندھ کے قریب داقع ہےادرز نجیت سنگھ کی ماں راج کور کاتعلق اس شہر سے تھا۔ راج کورجند کے راجہ کجمیت سکھ کی بیٹی تھی ۔ اسے اپنے شوہر کے گھرانے میں مائی ملوائن یعنی مالوہ کی خاتون کہا جاتا تھا۔مؤرخوں کا کہنا ہے کہ روایت کے مطابق اس کے پہلے بچے کی پیدائش اس کے میکے میں ہوئی تھی۔ بچہ پیدا ہوا تو اس کا نام بدره سنگهررکھا گیا۔ جب مہا سنگھ کواپنے ہاں بیٹا پیدا ہونے کی خوش خبری ملی تو اس وقت وہ چھوں کودریائے جہلم کے قریب ایک معر کے میں شکست دے کر واپس آ ریا تھا۔اس نے اپنے بیٹے کا نام بدھ شکھ ۔۔۔ یعنی ذبین انسان ۔۔۔ کی بحائے رنجیت سنگھ۔۔۔یعنی میدان جنگ میں فاتح۔۔رکھا۔یہا بک طرح سے بچے کے مستقبل کی پیش گوئی تھی۔(رنجیت سنگھ مالکل ان پڑ ھد ہا۔ لیکن اس نے بیشتر جنگوں میں فتح مائی)۔"

بچپن، ہی میں رنجیت سکھ کی بائیں آئھ چیک کے باعث ضائع ہوگئی۔ وہ ابھی محض بارہ برس کا نوعمر لڑ کا تھا کہ اسے اپنے باپ کے بعد اپنی مثل کا سر دار بنادیا گیا۔ تیرہ برس کی عمر میں حشمت خال نامی ایک طاقتو رسر دارکو جنگل میں قمل کیا۔ رنجیت سکھ کی زندگی میں خوانتین کا ایک گہرا اثر رہا۔ اس کی پہلی شا دی مہتا ب کور کے ساتھ ہوئی جس کا باپ رنجیت سکھ کے باپ کے ہاتھوں ما را گیا تھا۔ رنجیت سکھ کی ساس سد اکور کارنجیت سکھ کی تمام کا میا بیوں کے پیچھے ایک گہرا ہاتھ تھا۔ روایات میں بیہ بات بھی ملتی ہے کہ سدا کور کے کہنے ہی پر رنجیت سکھ



# سمادهمهاراجمرنجيتسنگھ

مد شر بشیر مہارا جدر نجیت سنگو سکھ دهر م اور پنجاب کی تاریخ میں انتہا کی خاص ما نا جا تا ہے۔ سکھاز م کے بانی گور ونا نک جی نے تمام عرطبقات تقسیم کے خلاف گزاری، دهر تی پر آئے تمام انسان برابر ہیں اس فلسفے کا پر چار کرتے رہے۔ انہوں نے جس تح کیک کا آغاز کیا اس کا اختنام رنجیت سنگھ کی حکومت کی شکل میں ہوا۔ گورونا نک جی کا 1539ء میں انتقال ہوا۔ مسلمانوں، ہندو وں اور سکھوں میں کیساں متبول گورونا نک جی، ان کے ہاتھوں جنم کی ہوئی تح کی شکل تین سو برسوں میں کیسر تبدیل ہو کر رہ گئی۔ مرکار، قلعے، راجواڑے، حو بلیاں، دمن دولت میں تمام خاصیتیں کسی بھی طور پر خالف تح کی سرکار، قلعے، راجواڑے، حو بلیاں، دمن تقریر میں ہونی مان کی نفی میں گز را تھا۔ اسی حوالے سے اقتباس ڈاکٹر مبارک ملی کی تقریر میں ہونے والی ایک کانفرنس میں کی تھی اور جس کا موضوع تھا تو آرٹ لا ہور میں ہونے والی ایک کانفرنس میں کی تھی اور جس کا موضوع تھا

'' پنجاب میں گورونا نک (وفات 1539ء) کی تعلیمات اقتدار کی جدو جہد یا حصول کے لیے نہیں تھیں ۔وہ حکومت اور حکمر ان طبقوں سے ناخوش تھے۔ پنجاب میں سیا سی طور پر جو بدامنی تھی، اس کا شکار یہاں کے عا ملوگ ہور ہے تھے،

غیر سلموں سے جزید لینا ، زیارت گا ہوں پر تیک لگانا، زمیندا را ور مقد موں کا پنی رعیت کا استحصال کرنا، اس نے سیاسی طور پر اس عہد کو<sup>ز</sup> کلیوگ' بینا دیا \_ لہذا ان کی تعلیمات سے جو متاثر ہوئے ان میں کھتری ذات کے لوگ شخ کہ جو تجارت و کاردبار کے پیثیوں کوا پنائے ہوئے شخے اس کے بعد دستکا روہ نم مند وکار گمر شخے۔ اور پھر چاٹ لوگ کہ جو کا شتکاری و زراعت میں مشغول شخے۔ مہرار اشٹر کے برعکس جہاں دولت مندا و رطاقتو رطبقوں نے بھی تی تر کی کہ رور طبقے شخے اس لیا ۔ پنجاب میں نا نگ کے مانے والے کم رور طبقے شخے اس لیے انہوں نے ملح جو دو جہد کے بچائے امن و آشتی اور کم رور طبقے شخے اس لیے انہوں نے ملح جو دو جہد کے بچائے امن و آشتی اور کی یہ میڈور کیا کہ ذات پات کی قیود تو ڈر کر اور مبقی رسومات سے ان کو چھٹکار ادلا یا تا کہ دو ماتی کی کہ جس کے سہارے یہ لوگ ظلم و استحصال کو ہر داشت کر سکیں ۔ کہر ور طبقہ ضخے اس لیے انہوں نے ملح جدو د جہد کے بچائے امن و آشتی اور کی یہ می مور کیا کہ ذات پات کی قیود تو ڈر کر اور مبقی رسومات سے ان کو چھٹکار ادلا یا تا کہ دو ماتی کی ایوں تی کہ اور ان میں مساوات بھی تا کہ ہو سکے۔' کے ہاتھوں سے ہوتی کئی کہانیاں اپنے اندر سمو نے بیٹھی ہے۔ تعلیمات کا سلسلہ الٹر او یں صدی عیسوی کے آخری ہرسوں تک چر قدار ہواں اپول یہ ہوں میں رنجیت سکھ کو جنم ہوا۔ مؤرشین کے ایک گروہ کا پی مانا ہے کہ دو ہے جگر ہوں میں رنجیت سکھ کے کہ ہوں ہیں رنجیت سکھ کے کہ







|**₿**PRIDE



# **چوتھی آل پاکستان ٹینس ٹورنامنٹ** سوئیناردرن کے حامداسراراور حمزہ رومان کی شاندار جیت

اسپورٹس سیل سوئی ناردرن گیس نے مینس پلیئرز نے 23 سے 28 نومبر تک لاہور میں ہونے والی چوتھی آل پا کستان ٹینس ٹور نامنٹ میں شرکت کی ۔سوئی ناردرن گیس کی طرف سے حامد اسرار اور حمزہ رومان نے شاند ارکا رکر دگی کا مظاہرہ کرتے ہوئے اپنے اپنے ایؤٹس میں گولڈ میڈ ل حاصل کیا۔حامد اسرا رنے بوائز انڈر 18 ڈبل اور بوائز انڈ ر 14 سنگل میں کا میا بی حاصل کی۔حمزہ رومان نے انڈر 12 سنگل میں کا میابی حاصل کی۔

پوزیش	ایونٹ کیٹگری	كھلا ڑى
فاتح	بوائزانڈر 18 ڈبل	حامداسرار
رزاپ	بوائزانڈر 18 ڈبل	لتتميع زيب اورعا قب حيات
سيمى فائتلسك	بوائزانڈر 18 سنگل	حامداسرار
سيمى فائتلسك	بوائزا نڈر 18 سنگل	عا قب حيات
فاتح	بوائزانڈر 14 سنگل	حامداسرار
سيمى فائتلسك	بوائزانڈر 14 ڈبل	اختشام
فاتح	بوائزانڈر 10 سنگل	حمزه رومان
فاتح	بوائزانڈر 12 سنگل	حمزه رومان

# <u>پیام</u>ایم ڈی

'' تبدیلی کے بغیر پیثرفت ناممکن ہے، اور جولوگ پنی سوچ تبدیل نہیں کرتے وہ کچھ بھی تبدیل نہیں کر سکتے۔''

جارج برنارڈ شا

2019ء ہمارے لیے سیکھنے والاسال ثابت ہوا اور ساتھ ساتھ ایک سال بھی ثابت ہوا جس میں ہمیں پہاڑ جیسے چیلنجز کا سامنار ہا جن کا سامنا ہمار ٹیم کے ارکان نے اتی ہی تجر پورکو ششوں سے کیا۔ مجموعی طور پر اس سال کے تجربات کا لب لباب صرف ایک لفظ کے ذریع بیان کیا جا سکتا ہے جو بے'' تبدیلی'' ۔ ہمیں ایسے مسائل کا سامنا تھا جو پہلے بھی پیژی نہیں آئے چنا نچا ان کا سامنا کرنے کے لیے ہم نے سوچ کی تبدیلی پر توجہ مرکوز کیے رکھی۔ سوچنے کے انداز سے ٹیکنا لو جی اور حکمت عملی سے کا م کے طریقہ کا رتک ہم نے اس تبدیلی کی بنیا در کھودی جو مستقبل قریب میں نظر آتے برنس کے مسابقتی ماحول میں کمپنی کی بقاء کے لیے اشد ضروری ہے ۔

سال کا آغاز سوئی ناردرن گیس کی تاریخ میں گیس چوری کے خلاف سب سے بڑے کریک ڈاؤن سے کیا۔ اس جارحا ند کا رردائی کا آغاز وزیر اعظم پاکستان کی ہدایات پر ہوا جس میں مختلف ریجز میں گیس چوری کے کٹی بڑے واقعات سے پر دہ اٹھا۔ سوئی نار درن گیس کی جانب سے کا رر دائیوں کے ساتھ ساتھ ذرائع ابلاغ پر آگاہی مہم بھی جاری رکھی گئی جس میں گیس چوری کے داقعات کی رپورنگ کے لیے خصوص ٹیلیفون نمبر بھی عوام کو بتا نے گئے۔ بید هیقت ہے کہ عوام کے بے مثال تعادن کے بغیر شاید بیم بھی بھی کا میاب نہ ہو پاتی۔ ہاری ریجنل ٹیز انتہائی جوش و جذبے کے ساتھ گیس خسار بے پر قابو پانے کے لیے کو شاں ہیں۔ ان کو ششوں کے نتیج میں کمپنی کو ان اکا ڈیڈ فارگیس یعنی یوا نف بی کی شرح میں کی لانے میں مدول رہی ہے۔

چاہے ہم سونی ناردر ن گیس کو بطورا دار ہ مضبوط بنانے کے لیے کتنے ہی اقد امات کر لیں مگر ما کی مضبوطی کے بغیرا دارے کمزور ہی رہتے ہیں۔ یہی وجہ ہے کہ کمپنی کے تمام ڈیپار شنٹس با ہمی کو ششوں سے مالی پر فارمنس کے سابقہ ریکار ڈ زکو بھی تو ٹ نے میں کو شاں رہتے ہیں۔ خدا کے فضل وکرم سے، 2019ء میں ہم نے 11,121 ملین روپے کے کمپنی کی تاریخ کے بلندترین سالانہ منا فع (بعداز ٹیکس)اور 2,596 ملین روپے کے بلندترین سہ ماہی منا فع ( کیبلی سہ ماہی ، مالی سال 10-2018ء ) کا اعلان کیا۔ یہ ہر گزکو کی معمولی کا میانی نہیں ہے کیو نگر اس وقت سو کی نار درن گیس کا شار ملک کے ان انتہا کی چند یوٹیلین کی بیٹر ہوتا ہے جو ہر برس بہترین نمور یورٹ کر رہی ہیں۔

سوئی ناردرن گیس کواس بات پر ہمیشہ فخر رہا ہے کہ اس کا شاران چند ٹیلیٹ کیپنیز میں بھی ہوتا ہے جن کی پیچان ان کی اعلیٰ ترین سٹمر سر وسزر ہی ہیں۔ بقشمتی سےصا رفین کے تعداد میں انتہائی نتیز می سے اضافے اور نسبتا محد ودو سائل کے باعث ہم ابتدائی طور پر قائم کسٹمر سر وسز کے معیار کو بر قرار رندر کھ پائے۔ تاہم وزیر اعظم پاکستان کی جانب سےلائی کر کہ وہا کہ تان سٹیرزن پورٹل کا چھو نے خیال نے بیٹا ہت کرد یا کہ اب بھی چہاں کہیں کسٹمر سر وسز کا معا ملہ آتا ہے تو سوئی ناردرن گیس نا قابل شکستہ ہی نظر تی پی کی اعث ہم ابتدائی طور پر قائم کسٹمر سر وسز حالیہ رپورٹ میں بتایا گیا ہے کہتما محکموں اور شعبوں کے مقابل شکست ہی نظر آتی ہے۔ پاکستان سٹیرزن پورٹل کے تحت جا رکی ہونے والی ایک خاہر ہوتی ہے کہ اختبائی محدود وسائل کے با وجود ہم اپنے صارفین کی بہترین انداز میں خدمت کرنے کی ہر مکن کوشش کرتے ہیں۔

سوئی ناردرن گیس نے اس برس بھی نت نن ٹیکنا لوجی کو متعارف کرائے جانے کا سلسلہ جاری رکھتے ہوئے سوشل میڈیا پر کمپنی کے آفیشل اکا ؤنٹس کا آغاز کیا۔ موسم سرما میں کی جانے والی آگا ہی مہم جو پہلے پرنٹ ،الیکٹرو نک اور آؤٹ ڈور کے روایتی میڈیا کے ذریعے ہی کی جاتی تھی ،اس برس سوشل اورڈ یجیٹل میڈیا کے ذریعے بھی کی گئی فیس بک ،ٹوکٹر، یو ٹیوب اورا نسٹا گرام پر کمپنی کے اکا ڈنٹس کوصا رفین نے بھر پور پذیر انی بخشی کیونکہ وہ محسوس کرتے ہیں کہ سوشل میڈیا کے ذریعے انہیں کمپنی تک رسائی کا سہل طریقہ میں آگیا ہے۔

یبال مذکورتمام کامیا بیوں کی کنجی ہمارے ملاز مین کی صلاحیتیں، کا وشیں اور اتحاد ہے۔ کمپنی کی مینجنٹ ہمارے ساتھی ملاز مین میں سے ہرا یک فرد کی کا وشوں ، جس پرہمیں فنخر ہے، کے لیے آپ سب کی مقروض ہے۔ یا در کھے، کا میا بیوں کے اس سلسلے کو آگے بڑھانے کے لیے ہمیں تبدیلی کے حوالے سے بہادری اور ہمت کی ضرورت ہے۔ کا میابی حاصل کرنے کے لیے کھو جتر میں اور سیکھتے رہیں۔ میں امید کر تا ہوں اور دعا گوہوں کہ آنے والے برس میں ہمیں مزید بڑی کا میابیاں نصیب ہوں۔ میری نیک تمنا سمیں آپ سب کے ساتھ ہیں۔



# ادارتىنوى

ہم'' دی پرائیڈ'' کے چو تصلالانہ ثارے کے ساتھ آپ کی خدمت میں حاضر ہیں۔جنوری 2019ء سے ہی ہم نے اپنے قارئین کو کمپنی کی ہر کا میابی ہل جل کر منائے جانے والے ہرتہواراور ہمارے ساتھی ملاز مین کی انفراد کی واجتماعی زندگی کا ہراہم واقعہ آپ تک پنچایا۔

ہماری زندگیوں کی طرح ہرگز رنے والاسال بھی اپنے دامن میں کئی نشیب وفراز لیا ہوتا ہے جن کا ہمیں اور آپ کوسا منا کرنا پڑتا ہے۔ کمپنی کی کا میابی پر خوشی مناتے ہوئے ہمیں 2019ء میں ہم ہے پچھڑ جانے والے سوئی ناردرن گیس بورڈ آف ڈ ائر کیٹرز کے مرحوم چیئر میں سید دلا ورعباس کونہیں بھولنا چا ہے۔ مرحوم سید دلا ورعباس کمپنی کے کا رکردگی میں نظر آنے والی کسی بھی کمز وری پر ہمیشہ فکر مندر ہے تصاور کمپنی کو ہردم ترقی کرتے دیکھنا چا ہے ہے مرحوم سید دلا ورعباس کمپنی کے کا رکردگی میں نظر آنے والی کسی بھی گیس بورڈ آف ڈ ائر کیٹرز کوالی پی پڑیوں کی قواد میں ہے جو چھنا چا ہے تھے۔ یہ کپنی کی خوش نصیبی ہے کہ اس وقت سوئی ناردرن آپریشنل اخراجات میں کی کرتے ہوئے مستقبل کے تمام چیلنز سے خطنے کے لیے تیار کررہی ہیں۔ بیکن کی کو ٹینا لو تی اپناتے اور شاندار تجر جی سی کی کرتے ہوئے مستقبل کے تمام چیلنز سے خطنے کے لیے تیار کررہی ہیں۔ بیکن کی کو ٹینا لو تی اپناتے اور شاندار اتر جار ہوں کی بھی کریوں کی قیادت میں رہے جو اپنے ویژن اور رہمائی کے ذریعے میں کو ٹینا لو تی اپناتے اور ای پیشن اخراجات میں کی کرتے ہوئے مستقبل کے تمام چیلنز سے خطنے کے لیے تیار کررہی ہیں۔ بیکن تک کے شیعے میں ان کے شاندار تجر بی سی پر در ڈ آف ڈائر کیٹرز کوالی کی گی ہوئی می میں ہو خالی میں منا ہے تی کر رہی ہیں۔ بیکن کی کے شیخ میں ان کے میں ندار تجر جار سے میں کی کرتے ہوئے مستقبل کے تمام چیلنز سے خطنے کے لیے تیار کر رہی ہیں۔ ہیں تو زی اور ڈ آف ڈ ائر کی ٹرز کی کہلی شاندار تجر جار سی ہو نے کا بھی اعز از حاصل ہے۔ آن ج کی کا رپور یٹ دنیا میں صنفی تو از ن انہا تی ایمیت رکھتا ہے۔ سوئی نار درن گیس

وزیراعظم پاکستان کے خصوصی معاون برائے پیٹرولیم ندیم بابر نے سوئی ناردرن گیس بورڈ آف ڈ ائر کیٹرز کی دعوت پر پیچھلے دنوں سوئی نار درن ہیڈ آفس کا دورہ کیا۔سوئی نار درن گیس بورڈ آف ڈائر کیٹرز کی چیئر پرین روحی رئیس خان ، بورڈ کے ارکان اور مینجنگ ڈائر کیٹر سوئی نار درن گیس عا مرطفیل نے معز زمہمان کو ہیڈ آفس آمد پرخوش آمدید کہا۔معاونِ خصوصی ندیم بابر کی سربرا ہی میں ایک اہم اجلاس بھی منعقد ہوا جس میں بورڈ ارکان کے علاوہ کمپنی کی سینیئر مینجسنٹ نے بھی شرکت کی۔

سوئی ناردرن گیس کا شاراُن اداروں میں ہوتا ہے جو ٹیکنالو. جی کے استعالے کے ذریعے کارکردگی میں بہتر ی اور آ پریشنل اخراجات میں کمی کے لیے ہرد مکوشاں ہیں۔ادارے کے بورڈ آف ڈ ائر یکٹرز کے ایک رکن سہیل رضی خان بھی اپنے شاندار تجربے سے کمپنی کی پیداواریت میں بہتری کے لیے ٹیکنالو. جی کے بہترین استعال پر توجہ مرکوز کیے ہوئے ہیں جو کمپنی کے لیے انتہائی مفید ثابت ہوگا۔

'' دی پرائیڈ'' نے ہمیشہ نے رجحا نات کوفر وغ دینے کی کوشش کی ہے۔ ہمارے جرید سے کا آغاز تحض کمپنی کی سرگرمیوں کی کورتنج سے ہواتھا جو بعداز ال ادب ، تاریخ اورعمومی دلچیوں کے موضوعات تک پھیل گیا۔ اس کے بعد ہم نے پنجابی ادب کے سلسلے کا آغاز کیا جسے قار نمین کی طرف سے بھر پور پذیرائی ملی چنا نچہ ہم نے ایک قدم مزید آ گے بڑھنے کا فیصلہ کیا۔ ہم انتہا کی مسرت کے ساتھا پنے قارئین کو بتانا چاہیں گے کہ اس شارے سے ہم علا قائی زبانوں کے کمل حصے کا آغاز کر رہے ہیں جس میں پشتو ، سرائیکی اور دیگر زبانوں کی تحریریں بھی شامل ہوں گی ۔

ہم اس ویژن کے ساتھ 2020ء میں قدم رکھ رہے ہیں کہ اس سال بھی ہم کمپنی کی کاوشوں کو بہترین انداز میں دنیا کے سامنے پیش کرتے رہیں گے۔ہم امید کرتے ہیں کہ کمپنی کی تاریخ میں نیا سال مزید کا میا بیاں لائے تا کہ ہم قار نمین کے ساتھ مزید خوشگوار با تیں شیئر کر سکیں ۔ہمیشہ کی طرح اس مرتبہ بھی'' دی پر ائیڈ'' کے اس شارے کے ساتھ ہم 2020ء کے کیلنڈ رکاادنی ساتھ نہ آ پ کی نذر کرر ہے ہیں۔

سيد جواديم) چيف ايڙيڙ



چو تھی آل پاکستان ٹینس ٹور نامنٹ میں سوئی نار درن کے کھلاڑیوں کی شاند ار پر فار منس

پیرن انچیف عامر قیل چف ایڈیٹر سیرجوادشیم ايثريثر امجداكرام ميان ادارتي ميم بابررفيق تنوير يعقوب آ صف شکیل شائع كرده: بي آرايندْ پېليكيشنز سيكشن،ميدْ ياافير زدْ يبار ثمنت 04 إدارتي نوٹ 05 پيام ايم ڈی 06 سرورق 08 لاہور کی کھوج 13 وسيب 14 ملتان اسپورٹس 15 ہماری زبانیں



ے پیش خدمت ہے علاقائی زبانوں کی تحریر وں پر مشتمل مکمل سلسلہ

لاہور کی کھون<sup>ع</sup> میں اس مرتبہ سادھ رنجیت سنگھ کے حوالے سے خصوصی تحریر

نوٹ: ادارٹی ٹیم کامضمون نگاروں/ڈیپارشنٹس/انٹرویوکر دہافراد کی رائے سے متنفق ہو ناضر وری نہیں ہے۔مضمون نگاروں/ڈیپارشنٹس/انٹرویو کردہ افراد کی جانب سے فراہم کرد ہاعدا دوشاراو رتقا کق میں کسی بھی قتم کی غلطی کی ذمہہ داری ادار تی میم برعا بکرنیں ہوگی۔

ا پ**ی رائے ہم تک پہنچا ی**ے: میڈیاافیئر زڈ یپارٹمنٹ، سوئی ناردرن گیس پا ئپ لائنزلمیٹڈ، گراؤ نڈفلور،ایل ڈی اے پلا زہ،ایگرٹن روڈ،لا ہور۔

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قار کمین اس نیوز لیٹر تک سوئی نارور ن گیس کی ویب سائٹ کےعلاوہ اپنے سارٹ فون پر کیواز کوہ کمیس کر بے بھی رسا کی حاصل کر کیتے ہیں۔





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