



Sui Northern Gas Pipelines Limited

sng

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First SNGPL

National Junior/Senior
(Men/Women)

Squash Championship 2015



Promotion of Sports at SNGPL

SNGPL continues its commitment of promotion of Sports in Pakistan. The Company encourages the endeavours of its employees in all sports including Squash and Cricket. However, this month, Sui Northern Gas Pipelines limited Sports Cell organized the 1st National Junior & Senior Squash Championship at Punjab Squash Complex, Lahore. Managing Director SNGPL, Mr. M. Arif Hameed inaugurated the Championship on March 18, 2015 with the main rounds. Other members of the Senior Management and members of the Sports Cell were also present on the occasion.

Mr. M. Arif Hameed while addressing the inauguration ceremony thanked Pakistan Squash Federation and Punjab Squash Association for the support to organize such a mega event. He was keen to congratulate Ms. Madina Zafar from SNGPL who won the final round of Under 19 Girls Category. He added, "SNGPL's players have won Asian Junior Squash Championship, Qatar International Junior Squash Championship 2015 and Doha International Junior Squash Championship 2015, and it is an honor for SNGPL that its players are representing the nation at an International level". He was of the view that supporting sports has always been a tradition of SNGPL, like Cricket, Hockey, Football, Kabaddi, Badminton, Squash, Mountaineering, Climbing and Tennis. He mentioned the names of Misbah Ul Haq, M. Hafeez, Umar Akmal, Azhar Ali, Taufeeq Umer, Bilawal Bhatti, Yasir Shah and Basit Ali who play from SNGPL's platform. Amongst these, Misbah Ul Haq and Azhar Ali are currently representing the Pakistan Cricket Team in Test and One-Day series.

At the closing ceremony, DMD (ops) Mr. Amjad Latif was the chief guest. He distributed the cash prizes and certificates among the winners. He appreciated the efforts of SNGPL sports cell to organize the 1st National Junior & Senior Squash Championship. At the end of the ceremony, General Secretary SNGPL Sports Cell, Mr. M. Ashraf Nadeem congratulated SNGPL Squash team manager, Mr. Farrukh Amin for successfully organizing 1st National Junior & Senior Squash Championship.

Editorial Board

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Mr. M. Arif Hameed

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Syed Jawad Naseem

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**Media Affairs
Department**

In this Issue ▶ LNG Import ▶ Why Some Heroes Remain Unsung ▶ Women Day ▶ Energy Conservation Projects at SNGPL



DMD (ops) Mr. Amjad Latif along with the members of the Sports Cell, in a press conference.



Ms. Madina Zafar receiving a medal for her outstanding performance.

CONTENTS

- | | |
|-----------|--|
| 01 | PROMOTION OF SPORTS AT SNGPL |
| 04 | EDITOR'S NOTE |
| 05 | LNG IN PAKISTAN-FROM DREAM TO REALITY |
| 06 | FOREIGN TRAININGS A NEED OF MODERN ERA |
| 08 | WOMEN DAY 2015 AT SNGPL |
| 09 | TECHNO EFFECTS |
| 10 | WHY SOME HEROES REMAIN UNSUNG ? |
| 12 | SIX SOFT SKILLS EVERYONE NEEDS |
| 14 | INAUGURATION OF SNGPL LIBRARY MULTAN |
| 15 | INTERACTIONS |
| 18 | 7TH ALL PAKISTAN SAMUNDRI CHALLENGE CUP 2015 |
| 20 | SUPERANNUATIONS AND OBITUARY |
| 21 | UNIFORM WEEK AT A-7 TERMINAL, MULTAN |
| 22 | IT ROUND UP |
| 24 | ROAD SAFETY / DEFENSIVE DRIVING TRAINING SESSION |
| 26 | FIRE AND EVACUATION DRILL |
| 27 | ACHIEVEMENTS |
| 28 | NEW LONDON SCHOOL INCIDENT & NATURAL GAS ODORIZATION |
| 30 | ENERGY CONSERVATION PROJECTS AT SNGPL |



Editor's Note

The pulsating wave of spring in the month of March was festooned with the vivacious event of SNGPL's first Senior and Junior Squash Championship. It was a positive initiative by the Sports Cell of the Company to promote various Sports in general and Squash in particular.

In view of highlighting the Company's keen approach towards strengthening customer care, the team of SNGPL is determined to ensure uninterrupted gas provision to its valuable consumers. The needful is being designed and adequate measures are being taken which comprise the recovery of gas theft and inclusion of imported Liquefied Natural Gas (LNG) in our system, which will suffice the needs of various categories of gas consumers.

Another utmost resolve of the management of SNGPL is to invest in the professional make-up of their valuable employees. In view of this, the Company encourages its employees to undergo training sessions held abroad. The Corrosion department has also taken a step ahead in this regard. The Company strives to enhance the expertise of its employees and to highlight their core areas through continuing education programs.

In addition to this, an interactive event was held at the Head Office, in view of the Women's Day celebrations. SNGPL values its female employee body and endorses their growth immensely. We at SNGPL are committed to grant equal opportunities of development to all our employees.

We hope this edition briefs you about the thrill at SNGPL's Gas House. Happy Reading!

Syed Jawad Naseem
General Manager
Media Affairs/Regulatory Affairs

LNG IN PAKISTAN-From Dream to Reality

The long standing dream of importing LNG into our energy starved country has finally been realized with the docking of the Floating Storage and Re-gasification Unit (FSRU), loaded with the first consignment of around 03 BCF LNG, at EETL (Engro Elengy Terminal Limited) Port Qasim terminal on March 27, 2015. PSO has also made arrangements for import of four LNG cargoes up till June 2015, on a DES basis, while first of such cargoes has already arrived in Pakistan. It is anticipated that input of gas under LNG SPA will soon be initiated on a regular basis as soon as the impending agreement is signed. The terminal is a result of a fast-track LNG import solution built to alleviate the energy shortage facing the country, and was brought into service 11 months from the start of construction.



As part of the commissioning process, the FSRU named Exquisite, loaded its first LNG cargo in Ras Laffan, Qatar, on March 24, 2015. After arriving at Port Qasim on March 27, the terminal completed commissioning activities and re-gasification acceptance test in less than three days, allowing the FSRU to enter commercial service on March 31, 2015.

The imported LNG will greatly help in reducing the hardships of consumers due to supply demand gap in natural gas. Initially 325 mmcf of LNG will be procured to improve the fuel mix for the power sector which will be increased to 400 mmcf from end of 2015 through swap arrangements between SSGC and SNGPL.

LNG is Liquefied Natural Gas produced as a result of refrigeration of Natural Gas at special liquefaction plants located around the major gas producing countries of the world such as Algeria, Australia, Qatar, Nigeria, UAE, Egypt and Malaysia among others. The conversion to liquid reduces the Natural gas volume upto 600 times thus making it economical to transport over long distances to consumers through special cryogenic tanks kept cooled at about -159°C on large specially designed ships, called LNG carriers. These standard ships range in capacities from 125,000 to 175,000 m³ but some modern ships can carry cargoes upto 267,000 m³.

At the unloading port, LNG is re-gasified by passing it through a controlled process of steam heated Vaporization either at the land based terminal or FSRU facility. The high pressure Re-gasified LNG is then transferred to the transmission and distribution system to the targeted consumers. All these processes are governed by stringent International Standards and regulations due to which LNG has an excellent safety record.

FOREIGN TRAININGS A NEED OF MODERN ERA



Trainings are necessarily required for the development and grooming of one's personality. Learning of school, college and university gives you knowledge but trainings impart an experience, unique itself.

Foreign training diversifies your thought process at an international level. You not only get training on the specific technology but also have the exposure of other people's working experience living in different geographical spread of the world i.e. how they think, how they manage their tasks, how they perceive their challenges and achieve their targets. One may have the practical insight of International infrastructures, working environment and cultural domains of international corporate lands.

“It's worth seeing once than to listen thousand times”

The current management of SNGPL realized this approach and in just last two years, Sixty Two Executives had the chance to brush themselves up according to international standards and procedures.

A training program was offered by the organization M/s Heath Consultant, USA at their manufacturing facility center to learn the first level Maintenance and Troubleshooting of Hi-flow Sampler Equipment used to measure the flow rate of gas. The equipment is under operation since July-2013 and producing satisfactory results. Three more units have been procured for UFG Reduction Plan to expand the equipment utility in other regions.



It was 32 hours of extensive training at the facility of M/s Heath Consultant in Houston, USA on Hi-flow Sampler equipment. The training as well as the visit was productive, informative and beneficial. We not only had the training on the working and principle of equipment but also acquired knowledge of their time and stress management, workshop line assembly and Quality Management System (QMS). It was a moment of immense pride for SNGPL to emerge at such a platform and to receive appreciative compliments for our use of Hi-flow Sampler Equipment on Distribution Network for calculation of volume of gas loss and leak detection / rectification management program by the management of M/s Heath Consultant.

The foreign training in fact plays an imperative role in development of the sound knowledge, broadening of professional vision and exposure at international horizons of Engineering and Corporate services.

By:
S. WAJAHAT HUSSAIN
Engineer (Corr.) Gr-III
Corr. Control Centre

WOMEN DAY 2015 AT SNGPL

The Women Day is celebrated across the globe with immense solidarity and fervor. The day marks the spirit of appreciation and acknowledgement for the milestones; women across the world have reached.

SNGPL being a public utility with a large number of female employees strives to motivate and acknowledge the contribution made by their female work force. In this regard, the Women Day 2015 was celebrated at Head Office, SNGPL on March 8, 2015. It was a light hearted event, graced by the presence of Chief Financial Officer, Ms. Uzma Adil Khan. The cake cutting ceremony was conducted and she interacted with all the female employees present at the occasion. Speaking on the occasion, Ms. Uzma Adil Khan paid great homage to our star player Sadia Gul on achieving the rank of the 14th strongest woman in Pakistan, being the winner of Under 19 Squash Championship. She was adamant about the importance of the role of females in all fields of life and the provision of unimpeded opportunities of growth to the females.



Glimpses from the exuberant event of the Women Day 2015, at SNGPL Head Office.



TECHNO EFFECTS

This fact cannot be denied that technology has helped us progress greatly. It is a door-way to knowledge, if used correctly. But besides its benefits, existence of technology can have many detrimental effects. Excessive and unsupervised use of communication technology is changing our future generation forever.

In our childhood, having fun meant, going out, playing in the playgrounds with our friends and exploring the wonders of nature. But unfortunately our kids are undergoing considerable behavioral shift in their attitude due to effects of excessive use of technology. Many of us are seen complaining of their irritable children being not respectful enough, not listening to them and shrinking to the shells. The aggression in them has aggravated, making them more stubborn and difficult to handle. Keeping children occupied by giving them more tools of technology is an easy route but this might further deteriorate the condition. Internet, video games, iPads, tablets and cell phones have taken over lives of our future generation. We hardly notice significant changes that our family structure and life style is undergoing. Give child a tablet and forget where he/she is for many hours – he/she is so captivated in his/her games that he/she blocks out everything else. ***This is his/her childhood.*** But this is what we have done to them by giving them easy access to technology thus we are completely responsible for creating irritated machines that lack human emotions.

Making a child dependent only on technology is not the right approach. Physical activities are extremely important for his strong and healthy mental growth. Many diseases are on the rise due to the inactive life style. Obesity, diabetes, coordination disorders, developmental delays, learning disorders, depression, sleep disorders etc. are associated with the excessive use of technology. Simple activity of planting a tree teaches the child to be calm and patient rather constantly shooting at enemies or kicking them aggressively in the video games.

Parent-child bond is the foundation for the rest of the child's life which determines his/her resilience and kind of an adult he/she would be. In order to develop this bond, we need to be involved in our child's life. The bond should be based on friendship and trust. Give them time, listen attentively to them and respond, praise and give appropriate reactions. Guide them instead of just reprimanding and scolding. Read a book together, plant a seed, hold constructive discussions, make sure to eat one meal together, discuss child's interests and his achievements, go out and play with them. All this needs your time.

“Invest your time and seek the fruit later.”

By:
Raheel Farooq
Chief Accountant (Finance)

Why some Heroes remain UNSUNG ?

“Don’t worry when you are not recognized, but strive to be worthy of recognition.”

- Abraham Lincoln

We all have unsung heroes. Think for a moment and ask yourself: Is there a person who has helped you in an ordinary moment of life and today you won't be where you are without his or her trivial contribution? He may be a servant, who pulled the thorn from your foot in your childhood and didn't let the bruise become a fatal infection. He may be an acquaintance who met you for a fleeting moment in one of the corridors of an office and gave a minor tip for an interview that got you hired. He may be an unknown guest who once accompanied your family member in a ceremony and recommended you a career in which you are excelling today. Are you not forgetting someone's whisper of encouragement years ago that helped you to come out of your moment of grief and overcome a trauma? He can be a person who has just corrected your mistake in a letter without your knowing, of which you got tremendous recognition. Or you might have just thanked him and paid a fraction of your compensation but the task that he did for you was provided enormous result for your future success. These unsung heroes work laboriously everyday in your garden to make it look beautiful.

Every Society, Organization and Family has unsung heroes who work selflessly and touch our lives significantly without asking for any recognition and achievements. They can be our parents, teachers, friends and even strangers. Their contribution is significant but recognition is minimal or none. They believe in giving only and living with pride, modesty and sense of honor. For them the accomplishment of task is the achievement and recognition itself. They love the game beyond the prize. In the darkest hours of our life they come as a glimmer of hope. In the frustrating moment they become our support and encouragement. In defeat they stand as a symbol of hope and help us out from our difficult times. We take them for granted and may be never acknowledged; sub-consciously thinking that it was their job to do all this to us with selfless devotion. Rather, we feel that we deserve their help. They never want to be thanked in return.

First of all, the people who fit in this role are, our parents especially mothers who fed, nourished and groomed us in our formative years. They spent sleepless nights for us

rather enjoyed our bickering and raised us from strength to strength. Then are our teachers who provided us the knowledge, helped us to meet intellectual challenges, developed our minds and prepared us for our careers. In the words of an author:

“They are those who go to bed feeling utterly defeated and wake up as warriors. They are the beaten but not broken, the small who walk tall, the wronged who do right, the sanctuary/reprieve/place of peace for the weary when they are the weariest of us all.”

Why some heroes remain unsung? It's a moot question and cannot be answered in simple terms. There are many reasons that need to be analyzed and explored. Recognition for any contribution depends on the values of a society. It is based on moral principles of justice and fair play. A society devoid of virtues, wastes its talented people. Here are some reasons why heroes remain unsung :

1. Discriminatory Culture:

It requires no wisdom to state that every one of us extols the values like justice, equality, meritocracy, hard work, honesty and integrity. But once it comes to practice, many people forego and neglect them when they need to test these values against the challenges by our imperfect society. To achieve our personal and selfish aims, we give a false pretense of virtuous character and instead of taking our merited share of recognition, we even sometimes without giving a due thought take other person's contribution and credit it in our account. One such glaring example in world's history is of a woman named Lize Metiner --an Austrian physicist who lived and worked in Germany during the time of Nazi rule. She was the one who correctly interpreted the fission reaction, but her colleague Otto Hahn won Nobel prize in 1944. Years later, Dr. Einstein encapsulated her momentous contribution in nuclear physics as follows:

“I do not consider myself the father of the release of atomic energy. My part in it was quite indirect. It became practical through the accidental discovery of chain reaction, it was discovered by Hahn in Berlin, and he himself misinterpreted what he discovered. It was “Lize Meitner” who provided the correct interpretation, and escaped from Germany.”-- (Einstein quote from his book, --Out of my Later Years --pp. 188.)

Some bad ideas so insidiously and deeply permeate in the culture that they give the pretense of truth and become a belief. As a result many achievements suffer at the hands of oppressive culture. Lize Meitner became victim of women discrimination so prevalent in the west since early 20th century. The women were not allowed to go for higher education in public at that time and Meitner had to contend with getting private education and had to work without salary till the age of 35 under Max plank in Germany. Here she worked as an assistant to Otto Hahn and discovered with him the fission phenomena which presaged the making of Nuclear bomb. The scientific community itself became the victim of this institutional discrimination and Meitner's vital contribution was only recognized after world war. Many such contributions by the competent individuals became victim of societal vices and neglect without right recognition to the deserving people. All because of the social discrimination even today the entire scientific community considers Meitner, the most deserving scientist never to win a Noble Prize.

2. Lack of Socio –Political Institutionalism:

The revolutions in politics and society, profoundly affect its intellectual life. What if Bill Gates had been born in Afghanistan or any third world country? His work on computers might not have gone beyond playing Abacus. Many unsung heroes fall victim to lack of institutional support to foster innovation. If the societal and organizational structure is not conducive, the ideas and the work of an individual remain dormant even for centuries. As a result, the work of a person is squandered or remains unrecognized. Progressive culture is the driving force for any kind of social development. One such example is a Dutch scientist named Huygens who was contemporary of Isaac Newton. He rightly challenged the Particle theory of Newton but was not recognized because of the prestige, and intellectual prominence of the later. Newton's recognition and dominance was much attributed to the Institutional support of Cambridge and Royal Society that enabled to spread his ideas across the world. Because of want of solid institutions in Holland, Huygens work remain dormant for centuries till it was later accepted by experimentation and work Young, and Max plank. Institutions prove assurance of work and validity. Many great minds remain unrecognized and escape public recognition because of lack of institutionalism in their society.

3. Moral degradation of societal extremism:

Human thought gains confidence in the culture of freedom. The ideas when generated, communicated, and discussed in

an open atmosphere are mostly worthy of implementation and recognition. A society marred by paranoiac concern of security, cannot unleash creativity. Much historical work of scholars not limited to only like of Averroes, and Galileo, fall victim to the extremist dogmas of the then contemporary societies. The talented individuals seldom get opportunity to work with the required degree of freedom either because of jealousy or much because of lack of appreciation for human toil and effort. One of the pitfalls of the morally degraded society is that meritocracy is curbed and many talented people's work is either not recognized or hijacked for recognition by other people. Much of the work of the Muslim scientists especially on atomic theory by the Ashrite school of thought in 10th century never got recognition because of the incessant attack by the then religious extremist scholars who considered any kind of progressive work as heretical.

To conclude great work in any field is not based solely on hard work but in fact is the result of inspiration or enthusiasm inculcated by your parents, teacher or a friend whom we forget. Many tales of success remain untold. People who make it to the top and become icons to be praised, emulated and idealized mistakenly think that they achieved it through their own effort and they deserved it. What we call as LUCK is in fact a silent contribution of many unrecognized forces, environmental factors and people of which and whom we are not sensitive enough to recognize. The unsung heroes are either ahead of time or they are so selfless that for them the accomplishment of task is more important than any effort for personal aggrandizement. This does not mean that those who are recognized as heroes should not be recognized but there must be a shift in our perceptions to recognize the work of unsung heroes. Let no work be considered as trivial and profane as long as it is contributing towards our healthy progression. While forgetting the unsung heroes, we must remember the following quote by Booker T. Washington:

“No race can prosper till it learns that there is as much dignity in tilling a field as in writing a poem.”

By:
Mohammad Asim
Deputy Chief Officer
SNGTI



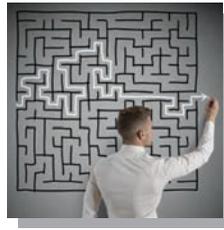
SIX SOFT SKILLS EVERYONE NEEDS

In a survey held in 2008, in more than 2,000 businesses in the state of Washington, employers said entry-level workers in a variety of professions were lacking in several areas, including problem solving, conflict resolution and critical observation.

You are likely to see these "soft skills" popping up in job descriptions, next to demands for technical qualifications. Employment experts agree that tech skills may get you an interview, but these soft skills will get you the job -- and help you to keep it. Following are a few essential soft skills:

- COMMUNICATION SKILLS

Good communication skills do not require you to be a brilliant orator or writer. It however means, you have to express yourself well, whether it's writing a coherent memo, persuading others with a presentation or just being able to calmly explain to a team member what you need. The more confident you are, the more clarity your communication carries.



- TEAMWORK AND COLLABORATION

Employers want employees who get along well with others -- who can effectively work as part of a team. "That means sometimes being a leader, sometimes being a good follower, monitoring the progress, meeting deadlines and working with others across the organization, is needed to achieve a common goal," says Lynne Sarikas, the MBA Career Center Director at Northeastern University.

- ADAPTABILITY

This skill is especially important for more-seasoned professionals to demonstrate and to counter the (often erroneous) opinion that older workers are too set in their ways. "To succeed in most organizations, you need to have a passion for learning and the ability to continue to grow and stretch your skills to adapt to the changing needs of the organization,." On your resume, on your cover letter and in your interview, explain the ways you've continued to learn and grow throughout your career. Your ability to adapt, endorses your professionalism to a huge extent.

- PROBLEM SOLVING

Once at work, be prepared for the usual question: "How did you solve a problem?". Think of specific examples where you solved a tough business problem or participated in bringing out the solution. Be able to explain what you did, how you approached the problem, how you involved others and what the outcome was -- in real, measurable results.

- CRITICAL OBSERVATION

While at work, data collection and its utilization is mandatory. You must also be able to analyze and interpret it. What story does the data tell? What questions are raised? Are there different ways to interpret the data? "Instead of handing your boss a spreadsheet, give them a business summary and highlight the key areas for attention, and suggest possible steps."

- CONFLICT RESOLUTION

The ability to persuade, negotiate and resolve conflicts is crucial if you plan to move up. "You need to have the skill to develop mutually beneficial relationships in the organization so you can influence and persuade people," You need to be able to negotiate win-win solutions to serve the best interests of the company and the individuals involved."

With the help of the above mentioned soft skills, an individual can emerge out of a mess with ease and finesse. Your service at any organization will be refined and dignified, if you make these soft skills a part of your professional outlook.



By:

Muhammad Aakash Bin Nasir

Executive Officer HR

Head Office

• Research consulted (Larry Buhl)

Inauguration of SNGPL Library Multan (Transmission)

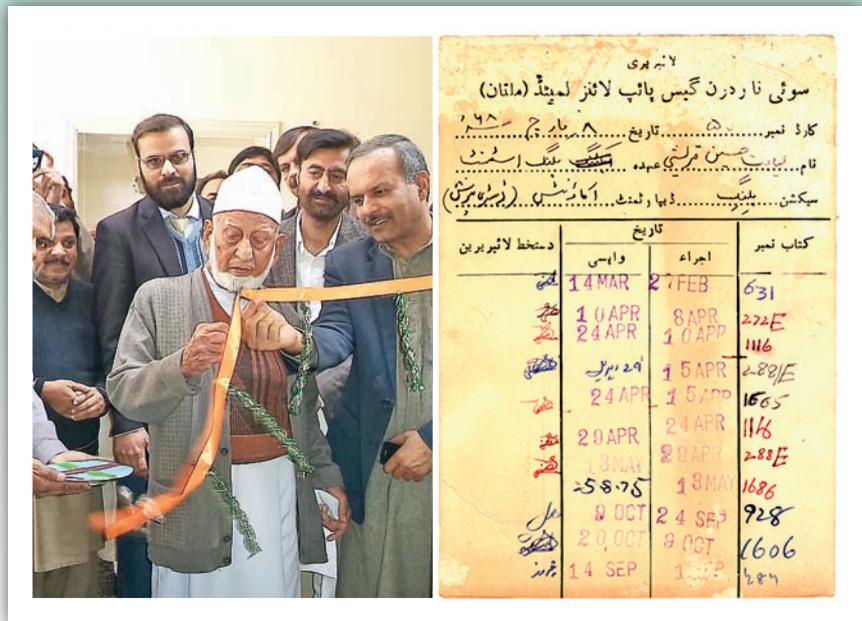
In the annals of history of Multan Transmission, once there was a time when SNGPL Multan (Transmission) Library was a living tradition and a vast collection of classic books on topics envisaging Islamic studies, Uswa-e-Hasna, fiction, poetry, biography, classical Urdu literature, safarnama and topography etc. were laid on the shelves, quenching the thirst of all knowledge seekers.

Undoubtedly the founder of the Library Munshi Feroz Khan ex-SN/331 Admn clerk (retired in the year 1989) had put all his energies to establish a well stocked and disciplined library setup in the year 1968. This tradition, however, regrettably diminished in the 90's owing to a lack of

interest of the then custodian of the library, shifting of distribution office in a separate building and multiple other factors.

In view of providing the employees of SNGPL Transmission Multan with some form of purposeful and noble activities as well as means of leisure, there was a dire need to reinstate the very concept of library in the terminal viz. efforts were made to revive its setup with due support of C.E (Pipeline) and the Station I/C A7 Terminal, which include; allocation of separate room for the library and its necessary renovation, constitution of its committee and charter, fixation of book shelves and subject-wise tabulation of books therein. All of this led to the formal inauguration of the library.

A simple but prestigious ceremony was held on February 03, 2015 at A-7 Terminal, the event of reinstatement of this historic Library took place. An impressive and memorable inauguration of the library was made by the august hands of its founding member, Mr. Munshi Feroz Khan Ex-SN/331 Admn Clerk Multan (T). The ceremony was also graced by Chief Engineer (Pipe line), Mr. Riasat Ali, other executives and staff members including members of the Library Committee. The active participation and enthusiasm of the participants in the ceremony was praiseworthy. C.E (Pipeline), CBA Representatives and other members of the Library Committee were invited to express their views on this occasion. All speakers appreciated the efforts of the Library Committee in revival of the library and gave healthy suggestions for further betterment, which were highly welcomed. In the end, the Chief Guest Munshi Feroz Khan expressed his views and shared his nostalgic feelings.



By:

Usman Karim Baig
Senior Admn Officer
Multan (Transmission)

INTERACTIONS



Mr. M. Arif Hameed, MD SNGPL, in a meeting with Rana Tanvir Hussain, Minister of State for Defence and Rana Afzaal Hussain, MNA.



Mr. M. Arif Hameed, MD SNGPL, in a meeting with Sardar Muhammad Yousaf, Minister Haj and Religious Affairs.



Meeting held between the participants of 102nd National Management Course and CFO Mrs. Uzma Adil Khan with DMD (S) Mr. Amir Tufail at Head Office, SNGPL.

Mr. M. Arif Hameed, MD SNGPL in a meeting with Mr. Abid Sher Ali, Minister of State for Water and Power.



Mr. M. Arif Hameed, MD SNGPL and CFO Mrs. Uzma Adil Khan in the DAC meeting at Head Office, SNGPL.

Mr. M. Arif Hameed, MD SNGPL in a meeting with Mr. Amir Muqam Advisor to the Prime Minister.





Mr. M. Arif Hameed, MD SNGPL, in a meeting with representatives of Independent Power Producers (IPPs) namely ORIENT, HALMORE and Sapphire Electric. The meeting was attended by Mr. Aftab Butt, CEO KAPCO, Mr. Nadeem Babar CEO ORIENT, Mr. Haider Ali CFO HALMORE and Mr. Shahid Abdullah CEO Sapphire Electric.



Mr. M. Arif Hameed, MD SNGPL, in a meeting with MD PACRA Mr. Adnan Afaq along with other representatives from PACRA.



Mr. M. Arif Hameed, MD SNGPL being presented a souvenir by Station Commander (Navy) Lahore, Commodore Sajid Mahmood Shahzad.



Performance of SNGPL Football team in **7th All Pakistan Samundri Challenge Cup 2015**

SNGPL football team took part in the above mentioned tournament played in Samundri which is about 40 km from Faisalabad.

1st Match, 16th Feb 2015

Our first match was against Ashraf Sugar Mills, Bahawalpur which took part in B Division League last year and cleared the group stage, qualifying for the final round. We were playing against a seasoned team, much more experienced than us. But by the grace of Allah we won the match by 3-1 and qualified for the quarter-final. Suleman Khan, Ahmed Faheem & Mohammad Zeeshan were the scorers for us. Our captain Ahmed Faheem was declared the "Man of the Match".

2nd Match, 17th Feb 2015 (Quarter-Final)

Our 2nd match was against Punjab Police which we won by 2-1. Our players were prominent throughout the game. Mohammad Zeeshan scored both the goals for us and was declared "Man of the Match" for his match winning performance.

3rd Match, 19th Feb 2015 (Semi-Final)

Proceeding to the semi-finals, we faced Pakistan Air Force team (PAF) who had come 3rd in the Pakistan Premier Football League 2014-15, the leading football tournament in the Country. We won the match against PAF, by 1-0 and our Captain Ahmed Faheem was the man behind the win. He was declared "Man of the Match".

4th Match, 21st Feb 2015 (The Final)

The finals were against Asia Ghee Mills, Bahawalpur who were also the sponsors of the tournament. Their team was composed of star players from Army, KRI, PIA & WAPDA. Despite being littered with big names, we outplayed them in all areas of the game through-out the match and our team displayed outstanding skills.

Unfortunately, we lost the match by scoring a goal in our own net by mistake. But our team won the hearts of the public with their enthusiasm and skill. It must be noted that it was SNGPL's first time in the All Pakistan football tournament and I think we did quite well as debutants. We would have loved to win the tournament, but still due to grace of Allah, we made quite a name for our new & young side. Our Captain Ahmed Faheem was declared the "Player of the Tournament" while our goal-keeper Aamir Shafiq was declared the "Best goal-keeper of the Tournament".

By:
Khaled A. A. Khan
Coach SNGPL Football team

Superannuations



Mr. Muhammad Siddique, Executive Sales Officer Sheikhpura retired on March 14, 2015. He joined the Company on March 26, 1979. He has served SNGPL for a time span of 35 years and 11 months.



Mr. Ejaz Mehboob Ali, Billing Officer Sub-Office Ichhra Lahore retired from the Company on Jan 14, 2015. He joined the Company on October 24, 1977.

OBITUARY



Mr. Awais Iqbal, Senior Sales Officer retired from Head Office, SNGPL retired from SNGPL on February 28, 2015. He joined the Company on April 26, 1975. His total service was for 39 years and 10 months.



Mrs Sandra Anne Chaudhry joined SNGPL on January 9, 1967 and retired from the HR Department on May 28, 2002. Unfortunately, she passed away on March 30, 2015. Her service in the Company was remarkable. She will always be remembered in golden words.

Uniform Week At A-7 Terminal, Multan (Transmission)



With a view to promote uniformity in distribution of official uniforms/shoes to all technical and office staff and to motivate a culture where all SN/ staff should invariably wear their uniform during their office hour; LS Department, Multan-T, organized a Uniform week at A-7 Terminal, Multan (Transmission). The basic theme behind organizing Uniform Week was to collectively deliver the stitched uniforms to each entitled staff member in person rather than to distribute to individuals in chunks, so as to no excuse will be admissible from any fellow employee regarding non-receipt of uniform from the concerned LS Section. A facilitation booth was established in the terminal during the week from where the individual could easily get their ironed uniforms and could put his remarks in Suggestion/Complaint Register regarding quality of fabric and stitching. Chief Engineer (Compression)/Station Incharge A-7, Mr. Imran Ahmed Khan also graced the event on the first day and motivated the fellow staff members to wear the Uniform. He also apprised the staff regarding significance of wearing protective clothing during work from HSE perspectives. In the end, the participants were served with light refreshment and a group photo was taken with all staff wearing their new uniforms.



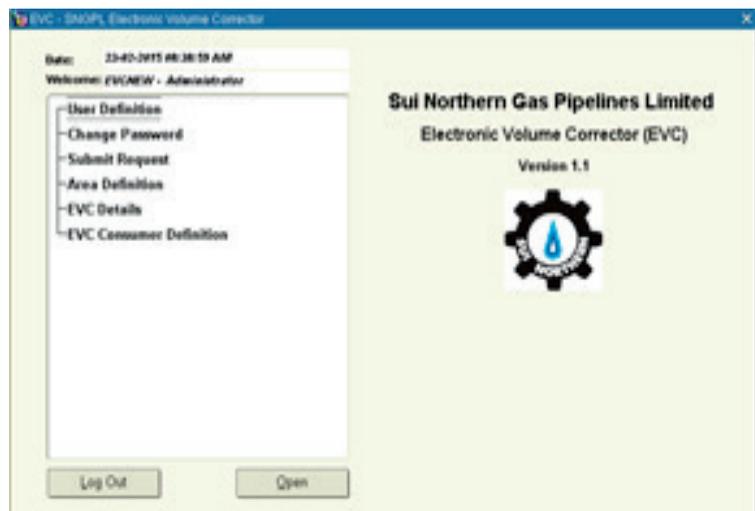
By:
Transmission Department

IT Round Up

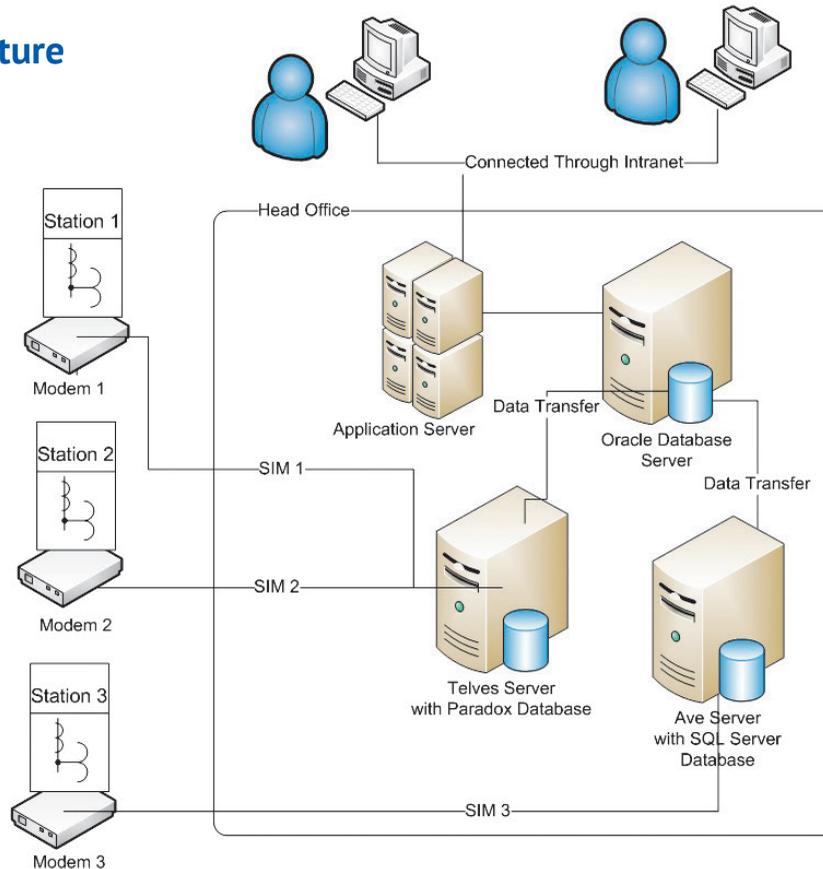
Electronic Volume Corrector (EVC)

User Departments: Metering, Distribution, UFGC

Electronic Volume Corrector (EVC) devices are installed on Industrial and CNG stations, which are connected to Head Office through modems. An EVC collects volume, temperature, flow and pressure information from the connected meter and transmits the data as per schedule set in its configuration. IT/MIS staff also manually collects the data from EVC Stations which have skipped the auto call process. At Head Office, EVC Server receives the data from GPRS MicroElcor, GPRS MiniElcor & GSM modems and stores the data in a database. A custom application interfaces with EVC server database and loads data into an oracle database. Custom application access is provided to users at regional level.



System Architecture



On daily basis, data is being fetched for around 1950 consumers through internet of MicroElcor based EVCs and newly acquired MiniElcor based EVCs.

Key features of the application are as follows:

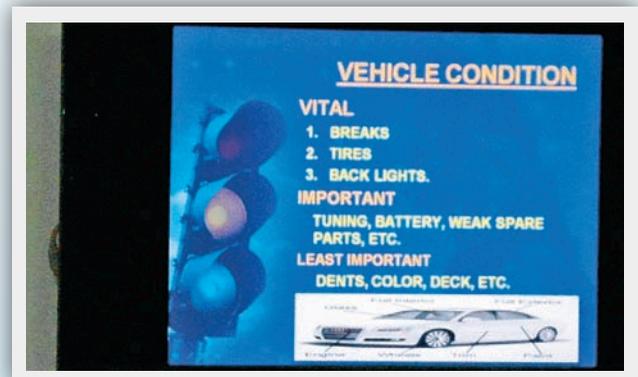
- Availability of online data for analysis by regions.
- System allow user to define consumers and communication channel (GPRS, GSM) through which data is received from EVC.
- Provide ease in searching data.
- Provide data to Distribution and UFG departments to control pilferage.
- Generate different analysis reports in pdf and excel formats:
 - EVC Load Management Violation Report
 - EVC Status Report
 - Region Wise EVC Summary Report
 - EVC Data Report
 - Pressure Zero Report
 - Uncorrected Fault Volume Report
 - Zero Pressure Followed By Zero Flow Report
 - Zero Flow Report
 - EVC Consumption Analysis Report
 - EVC Last Call Report
 - Consumer Wise Daily Reading Report
 - Region Wise EVC Detail Report
 - EVC Status in Excel Report

By:
IT Department

Road Safety / Defensive Driving Training Session at Regional Offices, Islamabad and Rawalpindi in Coordination with National Highways and Motorway Police

Responsible Driving can save lives and reduce the occurrence of road accidents. Road Safety concerns everyone and it is an issue that we need to be reminded of constantly. When we are on the road, we cannot take it for granted. It is usually the complacency of drivers that leads to disaster and tragedy.

Keeping in view the Safety Theme for the Month of March, "Road Safety" Driving training session was coordinated with National Highways and Motorway Police, Islamabad; to arrange a session on Defensive Driving/ Road Safety Management for Drivers posted at Islamabad and Rawalpindi Regions. With the approval of DIG (NH&MP) Mobile Education Units, trainers arranged a Session at Conference Room, Regional Office, I-9, Islamabad on March 09, 2015 and at Admin Hall Regional Office, Rawalpindi on March 12, 2015.





Following topics were covered during the Training Session:

- » Introduction to Road Safety/ Defensive Driving
- » Road Accidents Statistics
- » Rules, Regulations and Responsibilities
- » Common Causes of Road Accidents
- » Defensive Driving Requirements
- » General Checking of Vehicles
- » Traffic Safety Tips
- » Time Management
- » Different Signs and their importance
- » Driving during abnormal Weather conditions
- » Training with aid of different Video clips regarding Road Accidents and Defensive/safe driving

By:
Umair Ashraf
(Exec Engr. HSE – ISD-D)



FIRE AND EVACUATION DRILL AT HEAD OFFICE SNGPL

Fire and evacuation drill is a method to check the emergency preparedness and to make employees aware of the steps to be taken in case of an emergency. Well-planned and well-executed drills are very effective tools for creating work environments that are safe. Fire and evacuation drill is the best example of such a drill. It aims to:-

- Identify any weakness in the Emergency Response Procedure.
- Familiarize new employees with procedures.
- Test the arrangements for disabled persons.
- Identify weaknesses in emergency communication procedures and systems.
- Identify positive and negative reactions of staff with designated responsibilities such as Fire Wardens and Fire Fighters.

Fire and evacuation drill of Head Office was scheduled by Logistic Support Department on March 11, 2015. The observed response by the employees was satisfactory. Our fire fighting team and first aid team acted in coordination with external agencies i.e, 1122 Rescue Teams, City District Civil Defense Teams and Bomb Disposal Unit.

By:
Dr. Huma Tabassum
(OH Consultant)

ACHIEVEMENTS

5th FIRE AND SAFETY AWARD - 2015

Fire and Safety Convention was held on March 18, 2015 at Marriott Hotel, Karachi.

The event was organized by the Fire Protection Association of Pakistan and National Forum Environment and Health. Discussions were carried out regarding the Fire Safety Systems in Pakistan and to increase the Fire Safety Protection in Businesses by filling the gaps.

The convention was followed by an award distribution ceremony. Based on the criteria set by the Fire Protection Association of Pakistan, SNGPL received the 5th Fire and Safety Award, 2015.



AUDIT AWARD

Mr. Muhammad Irfan has been working as Assistant Audit in Internal Audit Department of SNGPL since Sept, 2012. He has passed the final stage of Pakistan Institute of Public Finance Accountants (PIPFA), a professional body of Finance Accountants of Pakistan.

PUBLICATION

Mr. Moazzam Ali Executive Law Officer has written his third book on "Law of Evidence & Legal Ethics" for Law Students, Civil Judges, Legal Inspectors and for other competitive exams.



New London School Incident & Natural Gas Odorization



Brief History of Natural Gas Odorization

Natural gas is an odorless and colorless flammable gas. Odorization of natural gas is an important safety measure to avoid imperceptible leakage of natural gas in domestic & commercial areas especially in areas with poor ventilation. First instance of gas odorization dates back in 1880, when a scientist in Germany named Von Quaglio added ethyl mercaptan to add odor to water gas. At that time, utilities were dependent upon odor of naturally occurring sulfur compounds in gas. Germany began odorization at small-scale by 1918. Initially, the suitable odorant chemicals were limited until the bloom of synthetic chemical industry. Regulations in this context were standardized and applied after the incident of New London School, Texas in 1937.

New London School Incident

New London, Texas, was known as the richest independent school district in the United States. Due to its oil wealth, the district was able to construct a state-of-the-art school, for its time. Early in 1937, the school board canceled their natural gas contract and had plumbers install a tap into Parade Gasoline Company's residue gas line in order to save money. This practice, while not explicitly authorized by local oil companies, was widespread in the area. The natural gas extracted with the oil was seen as a waste product and was flared off. As there was no value to the natural gas, the oil companies turned a blind eye. This raw gas varied in quality from day to day, even from hour to hour.

Untreated natural gas is both odorless and colorless, so leaks are difficult to detect and may go unnoticed. Gas had been leaking from the residue line tap, and built up inside an enclosed crawlspace that ran the entire 253-foot (77 m) length of the building's facade. Students had been complaining of headaches for some time, but little attention was paid to it.

On March 18 students prepared for the next day's Inter-scholastic meet in Henderson. At the gymnasium, the PTA met at 3:17 P.M. Lemmie R. Butler, instructor of manual training turned on a sanding machine in an area which, unknown to him, was filled with a mixture of gas and air. The switch ignited the mixture and carried the flame into a nearly closed space at the building, 253 feet long and fifty-six feet wide. The explosion was heard four miles away, and it hurled a two-ton concrete slab 200 feet away, where it crushed a 1936 Chevrolet. Of the 500 students and forty teachers in the building, approximately 294 died. Some rescuers, students and teachers needed psychiatric attention, and only about 130 students escaped serious injury. Those who died received individual caskets, individual graves and religious services.

Aftermath:

Experts from the United States Bureau of Mines concluded that the connection to the residue gas line was faulty. The connection had allowed gas to leak into the school, and since natural gas is invisible and is odorless, the leak was unnoticed. The sanding machine's switch is believed to have caused a spark that ignited the gas-air mixture. To reduce the damage of future leaks, the Texas Legislature began mandating within weeks of the explosion that thiols (mercaptans) be added to natural gas. The strong odor of many thiols makes leaks detectable. The practice quickly spread worldwide.

Regulations:

Odorization is thereafter required by the Pipeline Safety Regulations of the Department of Transportation, in 49 CFR 192, section 192.625. The key point in this requirement is that the odor must provide a WARNING that prompts the public to TAKE ACTION when detected. Likewise OGRA has recommended to odorize natural gas before its injection into the distribution system.

Following are the specifications of odorant oil as per OGRA's recommendation:

- The concentration of odorant oil should be sufficient to make the gas detectable by the sense of smell at gas concentration of 20 % LEL.
- The odorant should not be deleterious to persons, materials or pipe.
- The products of combustion of the odorant should not be toxic when breathed, and should not be corrosive or harmful to the materials exposed to them.
- The odorant oil should not be soluble in water to an extent greater than 2.5 parts to 100 parts by weight.
- Equipment for odorization must introduce the odorant oil without wide variations in the odorant in the gas.

Table: Different types of odorant oil being used worldwide

Sr.	Component Name	Abbreviation	Formula	Molecular Weight	Specific Gravity	Boiling Point (°C)	Freezing Point (°C)
1.	Tetrahydrothiophene	THT	C ₄ H ₈ S	88.172	1.00	115	-96
2.	Dimethyl Sulfide	DMS	C ₂ H ₆ S	62.135	0.8	37	-98
3.	Diethyl sulfide	DES	C ₄ H ₁₀ S	90.188	0.837	90	-100
4.	Methylethyl Sulfide	MES	C ₃ H ₈ S	76.162	0.8422	65	-106
5.	Ethyl Mercaptan	EM	C ₂ H ₆ S	62.135	0.839	34	-148
6.	Secondarybutyl Mercaptan	SBM	C ₃ H ₈ S	90.188	0.8299	84	-165
7.	Tertiarybutyl Mercaptan	TBM	C ₄ H ₁₀ S	90.188	0.8002	64	01
8.	N -Propyl Mercaptan	NPM	C ₃ H ₈ S	76.162	0.8411	67	-113
9.	Isopropyl Mercaptan	IPM	C ₃ H ₈ S	76.162	0.8143	53	-113
10.	Methyl Acrylate	MA	C ₄ H ₆ O	86.0892	0.9535	78	-75
11.	Ethyl Acrylate	EA	C ₅ H ₈ O ₂	100.1158	0.9	99	-72

Conclusion:

Natural Gas is the cleanest and safest fuel as long as it is properly dealt with. Proper fittings for natural gas supply must be used by end users for their safety. Loose fittings including rubber pipes must be avoided as recommended by HSE/utilities every now and then, in TV based public awareness campaigns. In case of leakage, besides reporting to utility company, adequate ventilation must be provided and no electrical device or switch should be operated. Utilities must ensure odorization of natural gas as per regulator recommendations for public safety.

References:

Following are the specifications of odorant oil as per OGRA's recommendation,

- www.nlsd.net
- Pipeline and Gas Journal, December 2013, Vol. 240 No. 12
- 35 FR 13257, Aug. 19, 1970
- Gas Transmission Technical Standards (Clause 7.4), Oil & Gas Regulatory Authority of Pakistan.
- Parrott, Kenneth S. "Principles of Natural Gas Odorization."

By:
Ehsan Elahi
 Engineer (T),
 Wah (T)

ENERGY CONSERVATION PROJECTS AT SNGPL

SNGPL, being a national Company, is committed to honor its policy on Corporate Social Responsibility (CSR). Corporate Social Responsibility policy of SNGPL was approved in the light of General Order 2009 and Securities and Exchange Commission of Pakistan (SECP), by the Board of Directors in their 400th meeting held on February 03, 2013.

The Company's CSR policy is based on global best practices envisaging management of the business processes by producing an overall positive impact on society and the environment. The laid objectives are to be achieved by adopting a methodology that drives the conduct of the Company's business leading to commercial success in ways and manners that honor ethical values, people and communities

Energy Conservation is one of the key objectives of CSR. The following Energy Conservation projects are currently at various stages of implementation:-

a) Installation of Solar Panels at Consumer Service Centre, Lahore:

Keeping in view the prevailing energy crisis in the country and use of alternate resources, Company may formulate a plan to shift all its Consumer Service Centers (CSC) on the Solar Panels. As an initiative, SNGPL has installed Solar Panels System at CSC of Regional Office Lahore. The cost of the Solar panels system is around Rs 1.8 Million. It's a pilot project and will be installed at other locations also, after its successful execution and operation.



View of Inverter installed in CSC LHR



Solar panels installed at the roof top of CSC LHR

b) Installation of Bio Gas Plant at Village near Sheikhpura

Biogas, typically refers to a gas, produced by the biological breakdown of organic matter in the absence of oxygen. Recent technological advancements in biogas digesters have greatly helped in developing a highly efficient, economically viable, environment. The biogas could also be used to produce electricity using common petrol generators with little alteration.

SNGPL is also installing a Biogas plant of 100m³ capacity at a village Mailu Virkan near Sheikhpura, for the community. The cost for the plant is around 2.8 Million Rupees. This plant will be a Pilot project. After the successful completion and execution of the Project, Company has a plan to install further plants at different locations.



c) Solar Water Heater

The device is being offered to its valuable consumers at a no profit basis with easy payments of upto 24 installments. The Solar Water heater is equipped with a storage tank of 200 liters capacity. It is environment friendly as carbon emissions associated with water heating are reduced or eliminated. Being a pilot project, a limited quantity of the device is being offered by SNGPL on first come first serve basis.

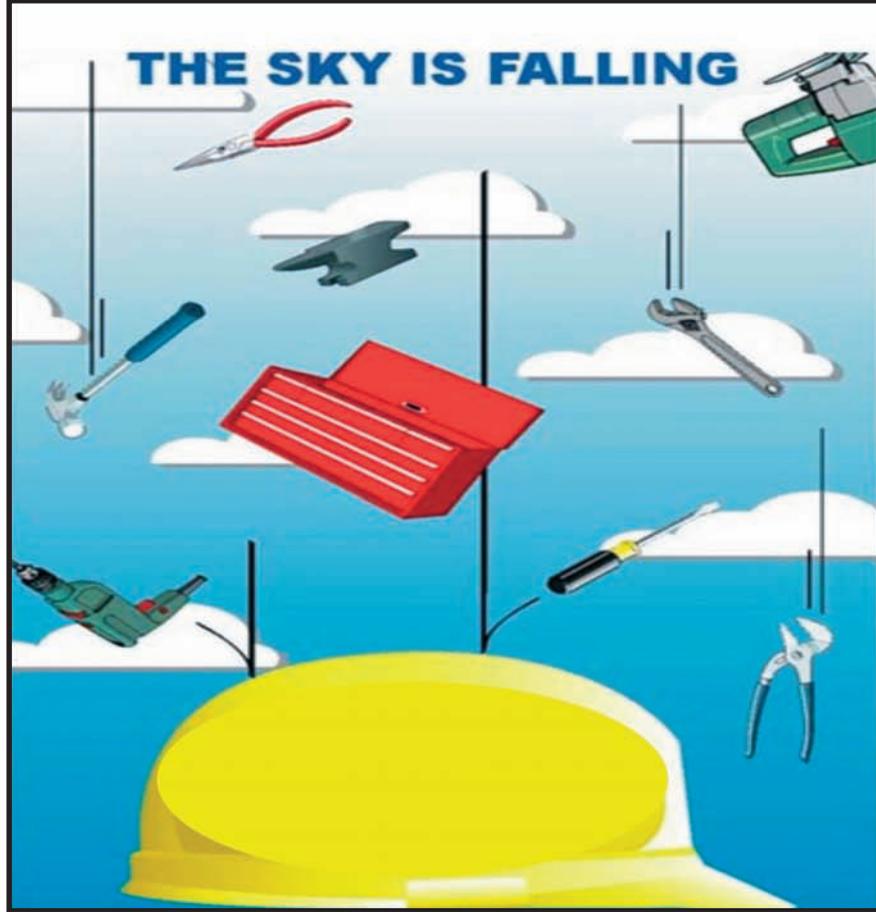


d) Geyser Timer Device

The Geyser Timer Device is another facilitating agent, offered to its valuable consumers at no profit basis with ease of upto 12 installments. It can save 20% to 30% of gas consumption resulting in lesser gas bills. Being a pilot project, a limited quantity of the device is being offered by SNGPL on first come first serve basis.

By:
Asma Maqbool
 (Exec Engr. HSE – HO)

HEALTH SAFETY & ENVIRONMENT DEPARTMENT
SUI NORTHERN GAS PIPELINES LIMITED



سیفٹی ہیلمٹ کا استعمال آپ کو اونچائی سے گرنے والی اشیاء سے زخمی
ہونے سے بچاتا ہے۔

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