

SSGC signed a Memorandum of Understanding (MoU) with Transparency International Pakistan (TIP) on April 1, 2013 in order to ensure complete transparency in its procurement processes.

The MoU will facilitate the gas utility
in availing TIP's expertise as an observer by adopting best practices while following the rules of the Government. The MoU was inked by TIP's Chairman Sohail Muzaffar and SSGC's MD Zuhair Siddiqui.

The signing ceremony was held at the SSGC's Head Office in Karachi.

Speaking on the occasion, MD, SSGC said that the gas utility shares a common vision with TIP of a corruption-free Pakistan and reiterated the Company's commitment to address its observations promptly. The signing of this MoU will make SSGC even more conscious and mindful about maintaining transparency in all aspects of procurement processes, the MD said.

In his address, TIP Chairman said that of late, apart from the private sector, public sector organizations and schemes such as PIA, NADRA, Benazir Income Support Program and Pakistan Steel Mills have associated themselves with TIP through MoUs to ensure transparency in all aspects of their procurement processes. Mr. Muzaffar hoped that whatever advice TIP will give to SSGC, it will be taken positively. The TIP Chairman reiterated that his organization strives for honesty, openness and transparency.

Senior members and officials of TIP and SSGC including Adil Gilani, Consultant, TIP and Yusuf J. Ansari, SGM (Corporate and Legal Affairs) were also present to witness the signing.

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## Editor's Note

## The day SSGC was incorporated

Dear readers,
SSGC recently celebrated its 24th birthday. Here is a factoid for those wondering when did SSGC come into existence.

Although Sui Gas Transmission Company Ltd. was incorporated in 1954, the actual date of incorporation of SSGC in its present form, is March 30, 1989 which fell on Saturday this year.

This is how it happened. Southern Gas Company (formed on May 27, 1986 after the amalgamation
 of Karachi Gas Company and Indus Gas Company) and Sui Gas Transmission Company filed a petition before the Sindh High Court, Karachi for sanction of the merger/amalgamation/reorganization of the two companies under the name M/S Sui Southern Gas Company Limited. The Court sanctioned the petition by announcing the merger and hence Sui Southern Gas Company came into existence on March 30, 1989. Ed

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## S\&M gears up efforts against unauthorized connections

Keeping up with the war against the growing menace of UFG, the ever vigliant teams of S\&M department have geared up their
activities and once again proven their commitment towards controlling gas theft. During the month of April several unauthorized connections/premises
were identified and were raided along with the teams of other concerned departments.


## S\&M's performance in terms of volume/amount claimed

| Region | \#of Cases | Claimed Amount | MCF Charged | \#Ack Cases | \#Ack MCF | Ack <br> Amount | \# Not Ack Cases | \# Not Ack MCF | Not Ack |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Karachi | 60 | 11,539,421 | 18,844 | 3 | 9,417 | 4,326,332 | 57 | 9,427 | 7,213,89 |
| Sukkur | 4 | 206,048 | 227 |  |  |  | 4 | 227 | 206,048 |
| Hyderabad | 12 | 6,341,223 | 9,725 | 5 | 8,843 | 5,672,187 | 7 | 882 | 669,036 |
| Quetta | 5 | 729,699 | 929 |  |  |  | 5 | 929 | 729,699 |
| Larkana | 3 | 96,118 | 54 |  |  |  | 3 | 54 | 96,118 |
| Grand Total | 84 | 18,912,509 | 29,779 | 8 | 18,260 | 9,998,519 | 76 | 11,519 | 8,913,990 |

MCF $=$ Million Cubic Feet $\quad$ Ack $=$ Acknowledged $\quad$ Not Ack $=$ Not Acknowledged


| Months | Cases | MCF Charged | Claimed Amount |
| :--- | :---: | :---: | :---: |
| Jan | 73 | 15,329 | $11,331,813$ |
| Feb | 41 | 6,771 | $5,233,833$ |
| March | 84 | 29,779 | $18,912,509$ |
| Grand Total | 198 | 51,879 | $35,478,155$ |



## Daring task undertaken at a Sajji house

Keeping up with the war against UFG, S\&M department's Intelligence Officer Muhammad Rashed Tahir carried out a daring task of service killing of famous Mehran Sajji in Karachi's locality of Gulshan-e-lqbal, along with shifting of aged out services and meters installed at the backside of the commercial concern.

Mehran Sajji had already been billed for direct use of gas for an amount of Rs. 1,767,778 that was raised against the customer which is still pending for acknowledgment.

On April 11, 2013, field officer, Mr. Rashed Tahir, raided the Sajji house and observed that the customer had again taken direct connection from old service that was left unattended at the back side of the premises. Through this service, five other Commercial meters were corrected due to which shifting of service was an audacious task to attempt.

After observing that these services could be prone to direct connections, it was categorically decided that the live service inside the premises of Sajji House be killed and the commercial meters connected to it shall be shifted outside the premises

through single service line.
On April 16, 2013, a joint action was carried out by S\&M, CRD and DSM teams and after intense work for hours, direct connection of Mehran Sajji was killed, extra services were

removed and five commercial meters were shifted outside to a single service so that it could not be used for direct tapping in future.


## Major UFG case unraveled at Quetta's Cantonment Zone

As part of its ongoing initiative against UFG, Cantonment Zone team and CRD raided Killi Nasirabad in Kharotabad, Samungli Road Quetta on March 25, 2013.

The team was led by DCE Incharge Cantt Zone. Team members included Engineer (Cantt Zone) Mohammad Arif, AM (Cantt Zone) Abdul Bari, AM (CRD) Ameer Mohammad and Cantt Zone Maintenance team.

It was discovered that the customer was using unmetered gas through Gl Pipe from a Service Valve which was already punctured. A 3/4" dia clamp was found installed on 3/4" dia Service Pipe underground. 1/2" dia socket was welded on the clamp and 1/2" dia Gl pipe was extended inside a customer's house who was providing connection to ten kachaa houses in the neighbourhood. It is suspected that the customer had been using the illegal connection for more than a year.

Regional Manager Quetta, Rafique Baloch also visited the site. He admired and appreciated the concerted efforts taken by Cantt Zone and CRD.



# Drive against defaulters - SSGC cuts off hundreds of gas connections 

n its quest to recover massive outstanding dues of Rs. 79 billion, SSGC initiated stern action against defaulting customers by disconnecting their gas supplies. Majority of these defaulters have already been disconnected whereas hundreds of disconnections are being conducted on daily basis.

The Company also publicized the names of these defaulters in the newspapers under six major customer categories i.e. industrialbulk, industrial, government, bulk, commercial and domestic. Listed below are the top 5 defaulting customers of each of above mentioned categories;

## Industrial Bulk Customers: (Total Outstandings = Rs. 64,612.162 million)

Top 5 defaulters: KESC (Rs. 46,013.890 m), WAPDA (Rs. 3,282.360 m), Pakistan Steel (Rs. 13,434.521 m), DHA Desalination Plant, Karachi (Rs. 1,168.020 m) and Habibullah Coastal Power, Balochistan (Rs. 713.371 m ).

Industrial Customers: (Total Outstandings = Rs. 328.013 m )

Top 5 defaulters: Colourital (Pvt.) Ltd., Karachi, (Rs. 90.536 m), Dewan Textiles, Hyderabad (Rs. 86.345 m), Afroze Textile Industries, Karachi (Rs. 72.279 m), Bhittai CNG Station, Karachi (Rs. 44.626 m) and Dewan Mushtaq Textiles, Hyderabad (Rs. 34.226 m).

Government Customers: (Total Outstanding = Rs. $\mathbf{5 6 . 6 4 9} \mathbf{~ m}$ )

Top 5 defaulters: Bolan Medical Complex, Quetta (Rs. 20.020 m), Sandaman Civil Hospital, Quetta (Rs. 11.523 m), University of Karachi (Rs. 8.938 m ), Superintendant District Jail, Quetta (Rs. 8.921 m) and Sh. Zaid Women Hospital, Larkana (Rs. 7.247 m ).


Bulk Customers: (Total Outstandings = Rs. 33.265 m )

Top-5 defaulters: Fazal Textiles, Hyderabad (Rs. 11.570 m ), Superintendent Central Prison, Hyderabad (Rs. 11.531 m ), Residence Colony Paramount Spinning Mills, Kotri, (Rs. 4.052 m), Barrage Colony, Tando M. Khan (Rs. 3.273 m) and ATF Complex, Eastern By-pass Road, Quetta (Rs. 2.840 $\mathrm{m})$.

## Commercial Customers: (Total Outstandings = Rs. 16.730 m)

Top 5 defaulters: Deedar Hussain Janwiri, Larkana (Rs. 5.939 m), Abdul Farooq, Hyderabad (Rs. 3.664 m), Zulfiqar Ali Mawa Bathi, Nawabshah (Rs. 2.864 m), Muhammad Khan, Karachi (Rs. 2.210 m ) and Madina Al-Sadaat Hotel, Karachi (Rs. 2.053 m).

Domestic Customers: (Total Outstandings = Rs. 14.172 m )

Top 5 defaulters: Abdul Latif, House \# R-32, Shah Khalid Bin Abdul Aziz Colony, Sector 16-A, North Karachi (Rs. 3.121 m), Rais Ahmad, House \# R-1, ST-21/1, Sector 16-A, North Karachi (Rs.
3.058 m), Muhammad Kazim, Tawas Khan Lane \# 13, Baloch Khan Chowk, Muhallah Salam Road, Quetta (Rs. 3.041 m), Hafiz Nazar Muhammad, Village Ali Abad, Bakrani Taluka, Dokri (Rs. 2.489 m) and Abdul Gafar Unar, Village Ali Abad, Bakrani Takula, Dokri (Rs. 2.464 m).

It may be noted that SSGC continuously strives to tap the defaulting customers specially those owing huge amounts to the utility.

The Company undertakes a series of activities in softly reminding the defaulters by initially printing messages on their gas bills and later sending them letters and notices. These steps are followed by personal visits to their premise for convincing the customer to settle the dues.

The non-compliance of defaulters' results in the disconnection of gas supply through meter locks application and removal of meters in certain cases.

These activities are being vigorously supplemented with execution of 67 phases of recovery media campaigns in a year.


## OGRA's hearing - SSGC seeks príce increase



Following a rise in wellhead gas prices, in a recent OGRA hearing, SSGC sought up to $10 \%$ increase in gas tariff for all types of consumers, The Company asked for a price increase of Rs 31.56 per million British thermal units (mmbtu) for all categories of consumers domestic, commercial and industrial -from July this year.

To consider SSGC's request and

seek views of all stakeholders concerned, the Oil and Gas Regulatory Authority (OGRA) held a hearing in Karachi on April 23, 2013. Zuhair Siddiqui, MD, SSGC, Yusuf J. Ansari, SGM (C\&LA) and legal counsel Mirza Mahmood Ahmad presented the Company's views with special reference to UFG issues. Interveners representing the industries in Karachi presented their viewpoints. ■



## SSGC- APCNGA hold meeting on gas supply íssues

Ameeting was held between SSGC officials and representatives of All Pakistan CNG Association in April 2013. The meeting was chaired by Zuhair Siddiqui, MD, SSGC. Shoaib Warsi, Senior General Manager (Transmission), Shakir Aleem, GM (Sales) and Hyder Ali Talpur, AGM Measurement were also present.

The representatives of All Pakistan CNG Association included Sameer Gulzar, Chairman, Sindh Zone and MC member, FPCCI, Suleman H. Sulemanjee, Former Chairman, APCNGA, Sindh Zone and Chairman, FPCCI, Standing Committee on CNG, Samir Najmul, Vice President and executive committee members including Muhammad Irfan, Mohammed Naseem, Masood Ahmed, Mohammed Khalid and Bilal Ahmed.

Many issues were discussed in the meeting including the issue of separate meters for gas engines and separate tariff for them. Problem of low pressure in industrial areas where there is a proliferation of CNG stations were also raised. SSGC also raised a few issues and points of information for APCNGA in which APCNGA was apprised by MD,


SSGC regarding the Annual Turn Around of various fields in Sindh, due to which severe gas shortfall

was expected leading to an imminent 3 day a week closure on alternate days for the next 40 days. $\quad$


## BQATI team meets MD, SSGC

Adelegation of Bin Qasim Association of Trade and Industry (BQATI) led by its Founder President Mian Muhammad Ahmed and Acting President A. Rasheed Jan met Zuhair Siddiqui, MD, SSGC in his office on April 12, 2013. The delegation appreciated the role of SSGC in these times of a widening gap in demand and supply and termed BQATI and SSGC partners in the growth of the economy.

The SSGC MD while assuring the company's utmost co-operation stressed the need for consuming gas cautiously due to the prevailing supply situation.


## Ensuríng your own safety: CPLC officials share practical típs


$n$ view of the prevailing law and order situation in Karachi, the HSEQA Department organized a 2-hour seminar-cum-awareness session in collaboration with Citizens Police Liaison Committee (CPLC) at the Head Office Auditorium on April 18, 2013. The topic of the program was 'Safety and Security against Crime'.

The session was conducted by Mr. Wasim-uz-Zafar Qadri, Deputy Chief, CPLC. He was assisted in the course by his CPLC colleagues, Mr. Ali Haji and Mr. Abid Zubair.

A packed to capacity audience in the Head office Auditorium comprising of executives and staff members listened to the proceedings with rapt attention as the CPLC officials shared valuable tips to ensure how they can save their lives and as well as of their loved ones.

The seminar was also attended by Mr. Zuhair Siddiqui, MD, SSGC. In the welcome speech, Amir Mumtaz Khan, GM (HSEQA) said that the idea for this seminar came in the wake of the growing incidents of serious crimes in Karachi.

Yusuf Jamil Ansari, SGM (C\&LA) emphasized that since prevention is better than cure, each one of us must take preventive measures for our own safety against crimes. At the end of the Session Dr. Shehla Naqvi (SGMMS) and Amir Mumtaz Khan (GMHSEQA) presented the mementos to CPLC officials on behalf of SSGC.

Some of the safety tips CPLC officials gave included:

- Keep plain visiting cards with yourself. (if you are stopped by criminals they do not have any clue about your designation or position in organization).
- Leave office in a group or pool your conveyance rather than leaving office individually.

- If anyone receives extortion chit, share directly with CPLC without folding the chit. In this way, the police
forensic department may identify the culprits from their finger prints.
- Carry out security risk assessment for bomb blasts, external enforced entry of miscreants, planted bomb blast in parked vehicles for identification of risk and taking corrective / preventive measures.
- Development of incident management team including designated media spokesman.
- Have a list of CNIC copies, mobile numbers of all staff and kins (company, apprentice and contractors). If requested, CPLC can verify the criminal record of employees, if there is any requirement.
- Have Company security stickers on vehicles for identification at gate.
- Train your family members, especially children not to talk to strangers or share any personal information over telephone.
- Avoid talking on expensive cell phones while driving or coming out of your residence/premises.
- Get your private servants/maids identified/registered in CPLC.
- Outer walls of your premises should be plain and reinforced by spiral barbed wires on top so the culprits cannot climb easily.
- Don't keep heavy cash, credit/ATM cards in your wallets. Else, keep them separately in your vehicle at some safe place. To deceive, you should keep a little cash in your wallet so that the robber/culprit does not get infuriated
- Unless and until you are trained to handle a weapon, do not display/use it if confronted by a street criminal. Do not show any resistance to criminals if trapped in any untoward situation.
- If you receive a ransom call, try to note the number of caller. Don't show any aggression and make the caller feel that you will try to meet his demands. Share all the information with CPLC team so the criminals can be traced out.
- Ladies should avoid wearing gold jewelry in public places; instead wear imitation jewelry.

Courtesy: HSEQA Department


## HSE conducts Internal Audit 2013

SSGC is an OHSAS-18001 and ISO-14001 Certified Company. The company got these two certificates and established HSE Management system in the light of International Standards of OHSAS18001 i.e. Safety Management System and ISO-14001 which is Environmental Management System.

HSE Policy which is signed by the Managing Director is a commitment to implement HSE Management system in SSGC. HSE Management system ensures bi annual internal audits to verify and assess the implementation of Management system at all SSGC Locations. The purpose of internal audit is to be

prepared for external Surveillance Audit carried out by the third party auditors.

HSE in SSGC is divided into 20 zones, There are 8 zones in Karachi divided into Head Office, Meter plant,

Billing, KT, KT Store, P\&C, Distribution Karachi and Construction Site. In addition, all Regional Offices and HQs are HSE Zones. HSE Department carries out internal audits twice a year.

HSE conducted internal audit of all 20 zones in the month of March 2013. Some non-conformities and weak areas were found in all the zones. All these zones are advised to update the pointed out non-conformities and identified observations in a given time period to ensure the smooth functionality of HSE Management system in their respective zones.

Courtesy: Nizamuddin Domki, HSE Department

## The vigílant SCADA

n the wake of recent acts of sabotage on pipelines, SCADA helped isolate segments to minimize the loss.

In this modern era of Information Technology, SCADA, acronym for Supervisory, Control and Data Acquisitions is the only tool that monitors, controls and processes different parameters in the Gas transmission and distribution industry. The term SCADA usually refers to the centralized system which monitors and controls entire sites spread over a large area.

In SSGC, SCADA system has always played a vital role in furnishing the organization's recognition in corporate sector as well as goodwill among its customers through its vigilant services.

Current geo-political situation in Pakistan is severely disrupting gas supplies across the country in the form of UFG and most importantly Gas Pipeline Ruptures which lead to a sudden emergency condition besides putting lives at risk. In such circumstances, immediate remedial actions are to be taken to normalize the situation.

The most abrupt and appropriate solution to the problem is achieved
through SCADA Systems that provides remote monitoring and controlling throughout the network. The system is used to monitor different Sales Meter Stations (SMSs), Town Bordering Stations (TBSs)
 and Valve Assemblies System from the main Gas Control Center at Karachi Terminal. Whenever an act of sabotage occurs on high pressure gas pipeline, the embedded alarms are generated which engages the gas control operators to take a quick view from real time trends and isolate the affected segment by shutting off the valve assemblies to avoid any loss of natural gas and minimize environmental consequences.

In March 2013, SSGC landed in this critical situation thrice due to act of


## Role and functions of Development and Inspection Shop



SSGC is playing a huge role in the economic growth of Pakistan by fulfilling the energy requirement from available discovered fields/resources for the customers of Sindh and Balochistan. In doing so, the Company is striving for a better lifestyle by providing most economical fuel for every Pakistani located in these provinces.

## Objectives and Goals

Huge quantity of pipeline materials required for new connections were procured from the international market but due to the escalation in prices, SSGC management took a brave decision for self-reliance and these items were designed and developed by SSGC engineers and are being manufactured from local manufacturer.

SSGC has also established D\& Shop at SITE under the supervision of the HSEQA Department for Quality assurance, inspection and performance test of locally manufactured fittings, regulators, service valve, service Tee and other accessories so that their quality and performance matches international standards. These materials are inspected in accordance with ISO 2859-1 standard so as to ensure the performance at D\&I Shop prior to their release for utilization on distribution network. Average annual quantity of various materials received and inspected at D\&l Shop ranges between 500,000 to 600,000.


## Leadership

Amir Mumtaz Khan, GM (HSEQA) along with DGM (QA) visited D\&। shop on March 27, 2013, after taking charge of HSEQA Department. He reiterated the need for enhanced productivity of D\&I shop as per international standards, and appreciated all executives and staff working there within limited resources and maintaining quality assurance with old gadgets and saving enormous amount in term of foreign exchange for SSGC.

The D\&I Shop essentially required testing units, test benches, equipments, executives and staff office furniture. The shop is considered inadequate to handle the future requirement due to ever increasing material quantities. A separate building is needs to be constructed to house the D\&I Shop, calibration/testing laboratory and offices at KT Stores.

Courtesy: HSE\&QA Department


## SSGC's team conducts GPS survey of Zarghun-Quetta Pípelíne

Are-route joint survey was carried out by SSGC's IT, P\&C and P\&D Departments for the demarcation of Right of Way (RoW) and re-installation of damaged markers in Balochistan for laying down a Transmission Pipeline Network of approximately 64 kilometers from Zarghun South-1 to Quetta TBS. This is a totally satellite based re-route survey with the help of GPS Technology. Executives of IT, P\&D and P\&C Departments marked temporary symbols, KMP post markers and turning points regarding requirements of the project. This survey was done twice by a private company in 2004 and 2009 but now the SSGC management has decided that survey be conducted totally inhouse by the IT Department. The method for this survey involving converting data from the Survey of Pakistan (SOP) system into GIS projection.

Carrying out survey in Zarghun-Quetta was a dangerous exercise. Security for the team was provided by the Frontier Constabulary and several jammers. The survey was completed in a week's time.

Team members included IT's Zawwar Hussain, Acting Manager and M. Tariq Qureshi, Deputy Manager, P\&D's Akhtar Hussain Soomro, Engineer and Qayoom Khan, Executive and Hassan Brohi, Supervisor (P\& C Quetta). Brigadier Saleem Mehmood (GM-Mari Gas Company), Col. Saeed Arshad (CM, Security), Abdul Rehman (AM, Security) provided security and guidance.

Courtesy: Zawwar Hussain, Acting Manager (GIS-IT)


## GIS's Dr. Nadia presents paper at her alma mater

Diamond jubilee celebrations at Karachi University's Geography Department kicked off with unveiling of a commemorative postage stamp along with a series of lectures
at the university's arts auditorium on April 9, 2013. As part of the series of lectures, GIS Manager at SSGC and a former student of the department Dr. Nadia Asad Siddiqui later read out
her paper on Transportation and geography exploring moving goods by air, land and water involved maps to help in planning, navigating and routing etc. $\quad$ -


## SSGC wins football tournament



SSGC defeated National Bank of Pakistan (NBP) in a nail biting finish with a 4-3 scoreline in All Pakistan Shaheed Mohtarma Benazir Bhutto Football Tournament held in Karachi in March 2013. The victory was sweeter since NBP comprises
of international level players who are included in teams competing in Pakistan Premier League

Other teams that participated in this tournament included Malir District, KPT, Pakistan Steel, Pakistan Air

Force and Government of Sindh. The tournament was organized by DFA Malir, Mohammadi Sports Club at Memon Goth. In the matches leading up to the final, SSGC defeated Pakistan Steel 2-1 and in the semifinal beat District Malir 2-1.


MD and members of Senior management presenting cash awards to the winning team

## Abdul Samí Khan hosts dinner for Azím Iqbal Síddíqui

Abdul Sami Khan, Chairman, CNG Dealers Association recently hosted a dinner at his residence to bid farewell to Azim Iqbal Siddiqui, former MD, SSGC and welcome Mr. Zuhair Siddiqui as the new MD. $\quad$

(R to L) Saeed Ahmed Khan, Chairman, OGRA, ljaz Chaudhry, Chief Secretary, Sindh, Zuhair Siddiqui, MD, SSGC, Azim Iqbal Siddiqui, former MD, SSGC, Abdul Sami Khan, Chairman, CNG Dealers Association, Malik Khuda Baksh, Chairman, CNG Station Owners' Association, Yusuf J. Ansari, SGM (C\&LA) and another guest.


Mrs. Azim Iqbal Siddiqui (second from left), wife of former MD, Mrs. Zuhair Siddiqui (third from left), wife of current MD and Ms. Abdul Sami Khan (fourth from right) with other guests.

## Aslam Khan achíeves superannuation; honored by colleagues

A$n$ impressive farewell was given to Muhammad Aslam Khan, Manager (LPG-Air Mix Plants) who retired after serving the Company dedicatedly for 38 years. A farewell dinner was given in his honour by his LPG Department colleagues led by its DGM M. Sohail Khan at a local hotel on April 8, 2013.

Mr. Khan joined SSGC on December 2, 1973 in the Billing Department and achieved superannuation on March 26, 2013. In 2009 he was transferred to LPG-Air Mix Plant.

The farewell dinner was attended by Shoaib Warsi, SGM (Transmission), Aminullah Khan, ASGM (Distribution) and Sohail Jaleel, DGM (CRD/Incharge CFC). Former SGM


Salim Ahmed Mughal was especially invited to be a part of the farewell dinner. On the occasion, SGM (UFG) presented a 'Certificate of

Superannuation' to Mr. Khan. Gifts were also presented to Mr. Khan to honour his remarkable association.


## Sattar's association draws to a close

Abdul Sattar, SSGC's veteran driver bid farewell to the Company after 39 years of service. A farewell was given in his honour by his colleagues with a picnic at the beach on April 14, 2013. Many of Sattar's past and present colleagues paid rich tributes to their colleague and presented him with gifts. Nasir Ahsan, CM (AS) also presented him with a frame depicting Allah's names. The farewell was held in a relaxed setting at Hawkes Bay as Sattar's colleagues soaked up the sun. $\quad$ -


## Pre-diabetes should be a wake up call



Keeping in view SSGC Medical Department's vision and mission of disease prevention, early detection and timely intervention, a health awareness program was arranged at Hyderabad Medical Centre, especially for those employees and executives who are


diagnosed with a condition called pre-Diabetes,

The seminar held under an interesting title of 'To be or not to be' was arranged on February 28, 2013. Physician Dr. Abdul Rab Sheikh was the guest speaker.

The learned physician spoke about the causes and consequences of pre-diabetes and that a single blood test can determine, whether or not you have pre-diabetes. It is a condition that can develop into type 2 diabetes if left untreated.

He informed the audience that a healthy life style, consistent exercise routine and weight loss can decrease risk of developing pre-diabetes and

type 2 diabetes by 60\% and with these lifestyle changes pre-diabetes can be reversed and risk of type 2 diabetes can be reduced significantly. In the end he emphasized on the fact that pre-diabetes should serve as a wakeup call and not as inevitable sentence of life with diabetes.

The lecture was followed by a question and answer session and a quiz to judge how much knowledge audience has gained from the program. The winners were distributed with gifts by guest speaker.

Courtesy: Medical Services Department, Hyderabad

## Hyderabad Medical Centre holds workshop on Díabetes

$1 \quad 1$yderabad Medical Centre held a "Diabetes Education and Support Workshop" on March 19, 2013. The workshop was very informative and beneficial. Light was shed on various issues such as general information about diabetes
itself, information on diet and exercise, education through diabetes conversation maps, Information on insulin injecting techniques, foot care, self-monitoring of blood glucose, diabetes complications like neuropathy and monitoring of blood
glucose and serum cholesterol levels were discussed in detail. ■

Courtesy: Medical Services Department, Hyderabad.


## Awareness program on Díabetes Mellítus stresses on nutritional aspects

As a part of its continuous efforts for updating and upgrading knowledge and awareness about various health conditions, Medical Services Department organized an awareness program on Diabetes Mellitus and its nutritional aspects. The program was held at KT Sports Center on April 4, 2013.

The presentation was delivered by Dr. Amir Ahmed and Dr. Sarwat Raza (Diabetologist) to approximately 35 registered cases of diabetes.

A dietician, Ms. Shamayam, was also invited to impart advice to patients about their dietary regimen and to help them plan their daily menu according to current guidelines and recommendations. ■

Courtesy: Medical Services Department.


## Free Medícal Camp organized in Dumba Goth

As part of a regular practice, the Medical Services Department organized a Medical Camp in Government Rashid Minhas Shaheed Primary School in Dumba Goth, Super Highway on April 18, 2013 where the doctors conducted free medical check-ups on the local community especially young children. They also gave medicines to children suffering from various medical ailments. The children were also accompanied by their parents. The doctors advised the children and their parents to adopt a healthy lifestyle and ensure cleanliness in their surroundings. ■



## Let the sun be your energy!

Solar water geysers provide a cost-effective energy resource By Syed Imran Ahmed, Dy. Chíef Manager, Corporate Communícations


Necessity, as the saying goes, is the mother of invention. Due to the inherently finite characteristic of non-renewable resources such as oil, gas, diesel and coal, countries have, for long, been adopting renewable resources including bio-fuel, geothermal, hydroelectricity, wind power and solar energy which guarantee costeffective and plentiful source of energy.

Today Pakistan is faced with an
energy crisis of epic proportions. Massive reliance on natural gas, for instance, has not been matched by production in the same scale. Explorations by Exploration and Production (E\&P) companies have been few and far in between and in the absence of renewable resources, meeting the burgeoning demand has placed severe strain on the already hard pressed resource, forcing the Government to rationalize the consumption of gas.

While SSGC is taking measures to augment gas supplies, it is, at the same time, diversifying itself into finding energy solutions by tapping into the infinite potential of solar energy, a renewable resource which provides eco-friendly and sustainable alternative to more conventional natural gas or electrical options. ■

## Why solar geysers?

Acompany with a proven history of placing customer convenience above everything, SSGC is now introducing solar water geysers (SWG) to the general public. The close-coupled solar water heater system offers a viable alternative to gas or electricity boosted geysers by providing 80\% to $100 \%$ of households' hot water needs. This initiative becomes all the more necessary for reducing energy costs since gas tariffs are mounting

day by day. In the initial phase, the plan is to encourage people living in bungalows with a covered area of 200 square yards or more to adopt state-of-the-art SWGs for saving on their domestic hot water heating bills. Owning and operating SWG with a gas or electric backup is markedly less expensive than relying on a gas or electric water heater alone. Besides, a solar water heating system offers long-term performance with very low maintenance costs.

## Key benefits of SWG system

- By switching to a nearly 50 gallon capacity SWG, the consumer can expect to reduce their gas bills up to $70 \%$..
- On average 5.5 mmcfd gas can be saved that can be utilized by the power sector for alleviating power outages.
- Although SWG systems have been designed to deliver hot water for most of the year, in winter there sometimes may not
be sufficient solar heat to provide required quantity of hot water. In this case as a backup, the gas utility will give to its customers another option of hybrid system (gas or electric) for heating purposes, which can also help to reduce the gas bills by $70 \%$.
- Expected life of solar geyser is 15 years and its maintenance cost is zero
- Purchasing and installing through

SSGC will provide a cost advantage not available if the same geysers are purchased from any other vendor. By paying this amount in installments through adjustments in monthly bills over a period of 3 years, customers can recoup their investment by virtue of reduced bills.

## SWG - Myths and Reality

| Myths |  |
| :--- | :--- |
| Install solar water geyser and get hot water 24 hours <br> a day | Reality <br> Hot water supply quantity is limited to a number of collectors <br> as per hot water requirements |
| Solar Water Geyser (SWG) can work alone for 24 <br> hours on solar without any back-up | No. It can only work in Hybrid (gas or electric) with Gas or <br> instant heater. Back-up in case of no sun is necessary. |
| SWG can be placed anywhere on the roof | It is placed where sun is available throughout the day without <br> any shade. Water Tank height should be at a minimum of 6 <br> feet to develop gravity in case of non-pressure. In case of <br> pressurized system, there is no need for gravity. |
| One SWG is enough | No. Number of SWGs depends on total flow requirement, <br> pressure and hot water requirements. |

## How does SWG work?

SWG systems can convert the sun's heat into usable hot water for your home or business. SSGC will make available to its customers a "close-coupled" SWG system in which the storage tank is horizontally mounted immediately above the solar collectors on the roof. No pumping is required as the hot water naturally rises into the tank through thermosiphon flow, a method which involves warm water rising through a phenomenon known as natural convection, to circulate water through the evacuated glass tube collector and to the tank. Hot water storage tank is located above the absorber evacuated glass tubes. As water in the vacuum tubes heats up, it becomes lighter
and naturally rises into the tank above. Meanwhile, cooler water in the tank flows downwards into the vacuum tubes, thus causing circulation in the system.

SWG will provide a win-win situation for all stakeholders concerned. Since the last few years, homeowners in countries including Australia, China, Greece, India, Japan and Turkey have lapped on to SWG solutions for their heating, cooling and cooking needs.

Unlike conventional energy costs, the price of sunlight remains a constant zero year after year. And unlike other non renewable resources, sunlight will never be in short supply.


## Two-day course on HSE management system conducted

Sarwat Abbas, Engineer (HSEQA) conducted 2 day course on HSE Management System and HSE standards OHSAS 18001-2007 and ISO 14001-2004 on March 28-29, 2013 at GTI Karachi.

The purpose of this training was to give a basic concept of HSE and International Standards of Occupational Health and Safety OHSAS 18001 and Environment 14001 to the participants and to enable them to put knowledge into practice for the collective benefit of the organization and society as a whole.

Ms. Sarwat stressed on the importance of $\mathrm{OH} \& S$ and said that according to the International Labor Organization (ILO) there are 250 million work related accidents in a year and 685,000 per day, which result in fatalities of 3000 workers. About 160 million new cases of

work related illness are recorded every year and about 4\% (US \$1251 billion) global GDP is lost due to occupational work related incidents.

The organizations which abide by the OH\&S systems may benefit in many ways such as industrial relations, staff morale, customer pressure, access to market place, public relations, moral imperative, greater knowledge, control of incident causes, safer work force
and uninterrupted production periods.

During the training all the participants learned how to stay safe at work place and how to provide safety to others. This course provided indepth knowledge about developing, implementing and maintaining continual improvement of Occupational Health and Safety Assessment Series 18001: 2007 and ISO 14001:2004.

## Workshop on "Corrosion and Cathodic Protection Techniques"

Naik Muhammad Shaikh of CP Department conducted two days training workshop on "Corrosion \& Cathodic Protection Techniques" for the company executives of Hyderabad region at GTI Hyderabad on March 11-12, 2013 at GTI Hyderabad.

Noor Muhammad Magsi, ZM (Hyderabad) and Raheem Soomro CE (CRD) Hyderabad distributed the certificates.

Courtesy: Rizwanullah Khan, GTI Hyderabad.


## SSGC sponsors 'Being your own boss'

With its everlasting commitment to society and quality of education in Pakistan, SSGC sponsored a motivational training event at Lal Qila Karachi organized by Institute Of Business Management Karachi. The event 'Being Your Own Boss' was organized on April 17, 2013 by the students of Institute of Business Management. Muhammad Ali Gohar, DCM (CCD/CSR) and Danish Javed,

AM (CCD) represented SSGC in the event.

Guest speakers included Mr. Ahmed Saeed Khan, who also leads the theatre Nautanki. The second guest speaker of the event, Mr. Wali Zahid, is one of the finest trainers of Pakistan, President of Flow and CEO of Skill City UAE/Pakistan. The third guest speaker, Mr. Wajihuddin, is a trainer at An-Nibras (Institute of

Islamic Sciences) and faculty at Karachi Grammar School. The last guest speaker was Ms. Faiza Salman, a bright motivational speaker from the platform of Flow. The participants thoroughly enjoyed the event, appreciated the effort and congratulated the management team for pulling up such a successful show. Among the students, Anita Ansari played a vital role in organizing this event.


## Retírements - Non-executíves

| Name | Designation | Department | Location | Karachi |
| :--- | :--- | :--- | :--- | :--- |
| Munawar Ahmed | Supervisor (Instrument) | Transmission | Metirement |  |
| Abdul Rasheed | Supervisor (Fitter) | Measurement | Hyderabad |  |
| Sawan Khan | Headline Walker | Transmission | March 31, 2013 |  |
| Abdul Hamid | Supervisor (Fitter) | Distribution Karachi Western Region) | Karachi-SITE |  |
| Abdul Sattar | Supervisor (Driving) | Administrative Services | April 1, 2013 |  |

Courtesy: HR Department

## Transitions

- Abdul Samad Kakar, DM (CRD-Quetta Region) tragically lost his two sons Musaf Ahmed and Faraz Ahmed in a bomb blast that took place in Quetta on April 23, 2013.
- Qutubuddin Siddiqui father of Shahabuddin Siddiqui, General Secretary, SSGOA - April 24, 2013.
- Muhammad Zafar, Supervisor, Gas Engine Mechanic, Services (KT) - April 21, 2013.
- Khadim Hussain, Senior Head Helper (Fitter), Distribution Lower Sindh - Hyderabad - March 17, 2013.
- Sarwar Zamir, Supervisor (Fitter), Recovery, KT - March 3, 2013.
- Lal Bux Brohi, Superintendant, M\&IM, KT - March 9, 2013.
- Shamim Muzafar Uqaili w/o former GM (MS) Dr. Muzaffar Uqaili - February 24, 2013.

May their souls rest in peace. Aameen!

## Petroleum Minister visits SSGC



Sohail Wajahat Siddiqui, Caretaker Federal Minister for Petroleum and Natural Resources visited SSGC Head Office on April 13, 2013 for the first time since assuming office. He met with Zuhair Siddiqui, MD, Yusuf J. Ansari, SGM (Corporate and Legal Affairs) and Yasin Siddik, Chairman APTMA (Sindh-Balochistan region) and discussed matters of mutual interest.

## Nurí Telecom's delegation holds talks with management



A delegation of Nuri Telecom led by Song Man Cho, President and CEO held talks with Zuhair Siddiqui, MD at the Head Office. Rahat Kamal Siddiqui, DMD (Operations) and Yusuf J. Ansari, SGM (C and LA) were also present on the occasion. The Nuri Telecom President was also accompanied by Gabsum Kim, Vice President and CTO and Zaheer Hassan, Vice President and Business Development. Also present were Byung Hoon Sung, Director General and Amir Burney of Pakmaco (Nuri Telecom's representative in Karachi).

## 8th Consumers Choice Award for SSGC



## Seminar on High Blood Pressure



Dr. Wagar Khan, Cardiologist, Tabba Heart Centre, gave a lecture on the medical conditions related to high blood pressure at SSGC Head Office Auditorium on April 25, 2013. Rahat Kamal Siddiqui, DMD (Operations) and Dr. Shehla Naqvi, SGM (MS) also spoke on the occasion.

## Inspection of SMSs



SSGOA congratulates newly promoted sr. management members


SSGOA office bearers presented bouquets to the newly promoted members of the senior management, Rahat Kamal Siddiqui, DMD (Operations), Yusuf J. Ansari, DMD (Corporate Services), ljazuddin Faruqi, SGM (Transmission) and Dr. Shehla Naqvi, SGM (Management Services) on April 12, 2013.

Felicitating the senior managers


Shoaib Warsi, SGM (Transmission) and Sohail Khan, DGM (LPG) presented confectioneries to Rahat Kamal Siddiqui, DMD (Operations), and Dr. Shehla Naqvi, SGM (Management Services) on their promotions.

Celebrating with the new SGM


Executives and staff from different departments as well as from his office joined ljazuddin Faruqi, SGM (Transmission) on his promotion by cutting a cake and providing him with bouquets.

Celebrating SSGC's birthday


The Legal Department organized a cake cutting ceremony on April 2, 2013 to celebrate SSGC's 24th birth anniversary since its incorporation in 1989. Yusuf J. Ansari, SGM (C\&LA) was the chief guest.

## Collaboration with Chippa Welfare Association



## Sharjah hero visits SSGC



Tauseef Ahmed, former Pakistani spinner visited SSGC Head Office in April 2013 and met with officials from the Sports Department and SSGC veterans Cricket Club.

## Chaírman CBA given a hero's welcome



Riaz Akhtar Awan, Chairman, CBA (Peoples Labour Union) was given a hero's welcome by his fellow workers when he returned to the Head Office in April 2013. Rizwan Mallah, General Secretary CBA can also be seen addressing the workers.

## Corporate Restructuring

Pursuant to the recent promotions approved by SSGC's Board of Directors, following changes in the corporate structure came into effect from April 26, 2013:

1. Mr. Shoaib Warsi has been redesignated as Senior General Manager (Transmission) and is being re-located at Karachi Terminal. In this capacity he will report to Mr. Rahat Kamal Siddiqui, DMD (Operations).
2. Mr. Ijazuddin Farooqui has been redesignated as Senior General Manager (Engineering Services). In this capacity he will report to Mr. Rahat Kamal Siddiqui, DMD (Operations).
3. Mr. Haroon Rashid, DGM (UFG) will look after the UFG functions and will report to the Managing Director.
4. Senior General Manager (IT) and General Manager (Human Resources) will report to the Managing Director.
5. LNG Project will continue to be looked after by DMD (Operations).
6. NGEP Project would be looked after the CFO.

## Academíc Achievements



Syeda Unzina D/o Syed Azam Shah (Admin Service Department-HO) secured $1^{\text {st }}$ position in final exams 2013 of class 3, from The Citizens Foundation School, Crescent Steel Campus 1, New Karachi.


Ahsan Ahmed S/o Mansoor Ahmed (Finance
Department-HO) secured $1^{\text {st }}$ position securing $81.78 \%$ marks in the year 2013 examination from Allama Iqbal Boys Elementary School Karachi.


Meher un Nisa D/o Mohammed Ali Sheikh
(Superintendent CRD S.Z.M. office) Rohri secured "A" grade in her annual examination 2012 from Bise Sukkur.


Sabrina Ghani D/o Imran Ghani (Supervisor Rehabilitation Department Site) secured ${ }^{\text {st }}$ position scoring $85.7 \%$ marks in class 5 exams from Rose Educational Society.


Usman Shabbir S/o Shabbir Ahmed (Sr. Supervisor RHB Department Site Karachi) secured $6^{\text {th }}$ position obtaining 88\% marks in class 3 final examinations from the R. Jee Public School, Karachi.


Umer Shabbir S/o Shabbir Ahmed (Sr. Supervisor RHB Department Site Karachi) secured 79\% marks in Class 2 final examinations from the R. Jee Public School, Karachi.


Yasir Aziz S/o Azizullah Solangi (Dy. Manager Sales Head Office) secured A grade with $89 \%$ marks in his class 3 exams from The Educators, Pak Kausar Town Campus.


Mohsin Shabbir S/o Shabbir Ahmed (Sr. Supervisor RHB Department Site Karachi) secured $4^{\text {th }}$ position obtaining $80.7 \%$ marks in class 6 final examinations from the R. Jee Public School, Karachi.


Zainab Aziz D/o Azizullah Solangi (Dy. Manager Sales Head Office) secured A+ grade with $92.3 \%$ marks in her class exams from The Educators, Pak Kausar Town Campus.


Jummah Khan S/o Azam Baloch Supervisor (UFG Site), studying in Westland Model School Karachi, secured 89.7\% (A Plus) in class 4 annual examination.


Hassan Imam S/o Shaheen Imam, Secretary to DGM (Legal Services) secured $2^{\text {nd }}$ Position 84\% in class 4 final examinations 2013 from The Country School, Karachi.


Roha Imam D/o Shaheen Imam, Secretary to DGM (Legal Services) secured $2^{\text {nd }}$ Position 96\% in class 5 final examinations 2013 from The Country School, Karachi.


Sooraj Kumar S/o Gurmukh Das (Sr. Clerk Transport R.O. Sukkur), secured $1^{\text {st }}$ position in $6^{\text {th }}$ grade studying in Makki Shah Model School, Kandhra, Distt. Sukkur.


Minahil Asif D/o Muhammed Asif Baloch (Senior Superintendent City Zone, Billing), Secured $2^{\text {nd }}$ position in her class 1 final exams from DUA High School, Karachi.


Ghazain Asif S/o Muhammed Asif Baloch (Senior Superintendent City Zone, Billing), secured $3^{\text {rd }}$ position in his final exams from DUA High School, Karachi.


Muzammil

## Samdani S/o

 Ghulam Samdani (Assistant Manager CRD, Mirpur Mathelo) secured $1^{\text {st }}$ position with 99\% marks in class 2 finals from Global School System, Islamabad.

Laiba Samdani D/o Ghulam Samdani (AM CRD, Mirpur Mathelo) Secured "A1" grade in final examination, obtaining 98\% marks in P.Y. II grade from Global School, System.


Laraib Samdani D/o Ghulam Samdani (AM CRD, Mirpur Mathelo) secured $2^{\text {nd }}$ position obtaining $98 \%$ in class 3 final exams from Global School System, Islamabad.


Abdul Jaleel Mahar S/o Abdul Ghaffar Mahar (Manager regional stores Sukkur) achieved $1^{\text {st }}$ position by securing $95 \%$ in his class KG1 annual examination from Model School, Shah Abdul Latif University, Khairpur.


Maimoona Munir D/o Munir Ahmed Sheikh (Engineer - S \& U) secured
"A-1" grade obtaining $81 \%$ marks in class 1 from Shams High School, Larkana.


Kinza D/o Imtiaz Hussain Mahar (Manager Stores RO Sukkur) secured " $A$ " grade with $70 \%$ in class 4 from Daffodils Grammar School, Sukkur.


Abdul Baqi S/o Tufail Ahmed Pirzada (Distribution Department, Larkana Regional Office) passed class 1 with "A-1" grade and $96.33 \%$ from Quaid e Awam Public School.


Aisha Irshad D/o Irshad Ali Mahejar (SPDT-Billing Sub Zone, Miro Khan) scored 585 marks out of 700 and secured $1^{\text {st }}$ position in her class 2 final exams from Shah Latif Public School, Sajawal.


Mariyam Irshad D/o Irshad Ali Mahejar (SPDTBilling Sub Zone, Miro Khan) scored M0\% marks and secured ${ }^{\text {st }}$ position in her class 2 final in her class 2 final Latif Public School, Sajawal.


Aafaqe Ahmed S/o Irshad Ali Mahejar (SPDTBilling Sub Zone, Miro Khan) scored 768 out of 1000 marks and secured $1^{\text {st }}$ position in his class 6 final exams from Shah Latif Public School, Sajawal.

M. Nabeel Khan s/o Shafique M. Khan, Senior Welder (KT Welding Yard) passed his Board of Secondary Education examination (Part II) securing "A+" grade from The Educators, Karachi .


## Wajahat Bano D/o

Muhammad Ali Sheikh
(Superintendent CRD Sub Zone Office, Rohri) secured "A1" grade in her annual examintation from New Mehran Public Elementary School.


Mahnoor Rind D/o Saifullah Khan Rind (Assistant Manager (P\&D) Quetta Regional Office, Quetta) passed her class Prep examination, securing $80 \%$ from Wilderness School, Quetta.


Hamza Rind S/o

## Saifullah Khan

 Rind (Assistant Manager (P\&D) Quetta Regional Office, Quetta) passed his class Prep examination securing $75 \%$ from Wilderness School, Quetta.

Hammadullah S/o Abdul Latif (Surveillance Monitors Larkana) secured "A" grade in his class 2 final examinations from Ideal Public High School, Larkana.


Ubaidullah S/o
Abdul Latif (Surveillance Monitors Larkana) secured $3^{\text {rd }}$ position in his class 8 final examinations from Ideal Public High School, Larkana.


Atiya Tahir D/o
Tahir lqbal (Duty officer Gas control Transmission Kt) passed her nursery class examination with 95\% marks from Little Hearts Grammar School.



## What hypertensive patient needs to know

6Hypertension Risk Factors Understanding the risk factors for high blood pressure will help you take steps to prevent the problem before it causes any serious damage to your health.

While you can lower, or even reverse, some of your risk factors for hypertension, others are out of your control. Knowing where you stand, and the number of risk factors you have, will help determine your options for prevention and treatment:

## Risk Factor \# 1

Who You Are: Heredity plays a part in your hypertension risk. If you have family members with high blood pressure, that may mean you're more prone to the condition. Men are more likely to develop high blood pressure at a younger age than women, and age is a factor by itself - men over the age of 45 and women over the age of 55 have a greater hypertension risk than younger individuals.

## Risk Factor \# 2

What You Eat: Those endless bags of chips, cartons of fries, and greasy pizzas increase your hypertension risk and take a toll on your overall health. Adding salt to your food and eating a lot of processed prepackaged food will boost our sodium intake. A diet high in sodium is one of the major hypertension risk factors and is certainly one that you can change.

## Risk Factor \# 3

How Much You Weigh: Excess body weight is hard on your heart and blood vessels. If your body mass index (BMI) is 25 or higher, you're considered to be overweight and have a greater hypertension risk. So get slim and trim, and aim for a BMI below 25 to help prevent high blood pressure.

## Risk Factor \# 4

How Much You Move: Getting little

too comfortable on the couch lately? Knowing that a sedentary lifestyle is a major hypertension risk factor ought to be plenty of motivation. The American Heart Association recommends at least 30 minutes of moderate or more strenuous excercise on most days of the week. The more you get, the better and lower your risk for high blood pressure.

## Risk Factor \# 5

Your Bad Habits: The dangers of smoking and drinking are no secret, but here's another reminder of how bad they are for your health. Tobacco use and excessive alcohol consumption are known contributors to high blood pressure. So kick your bad habits to lower your hypertension risk.

## Risk Factor \# 6

Diabetes: If you have diabetes, you already know you're at risk for major complications. Having diabetes actually doubles your risk of
developing high blood pressure, and people who have both diabetes and high blood pressure are at four times the risk of developing heart disease than a person without either condition.

## Take control of your hypertension risk

You may not be able to do anything about your family history, age, gender, or race, but that doesn't mean you have to sit idly by and let your health deteriorate. If you're living a lifestyle that contributes to your high blood pressure risk, then change it.

Eating a healthy diet, maintaining a healthy weight, keeping diabetes under control, and getting plenty of regular exercise will help you beat the odds and decrease your hypertension risk.

Courtesy: Dr. M. Ashraf Memon, DM (Medical Centre Sukkur)

Ways to control high blood pressure without medication

Lose extra pounds and watch your waistline

Besides shedding pounds, you should also keep an eye on your waistline. Carrying too much weight around your waist can put you at greater risk of high blood pressure. In general:

- Men are at risk if their waist measurement is greater than 40 inches ( 102 centimeters, or cm).
- Women are at risk if their waist measurement is greater than 35 inches ( 89 cm ).
- Asian men are at risk if their waist measurement is greater than 36 inches ( 91 cm ).
- Asian women are at risk if their waist measurement is greater than 32 inches ( 81 cm ).

2. Exercise regularly

Regular physical activity - at least 30 to 60 minutes most days of the week - can lower your blood pressure by 4 to 9 millimeters of mercury ( mm Hg ). And it doesn't take long to see a difference. If you haven't been active, increasing your exercise level can lower your blood pressure within just a few weeks.
3. Eat a healthy diet

With these tips, you can adopt a healthy diet:

- Keep a food diary. Writing down what you eat, even for just a week, can shed surprising light on your true eating habits. Monitor what you eat, how much, when and why.
- Consider boosting potassium. Potassium can lessen the effects of sodium on blood pressure. The best source of potassium is food, such as fruits and vegetables, rather than supplements. Talk to your doctor about the potassium level that's best for you.
- Be a smart shopper. Make a shopping list before heading to the supermarket to avoid picking up junk food. Read food labels when you shop and stick to your healthy-eating plan when you're dining out, too.

4. Reduce sodium in your diet Even a small reduction in the sodium in your diet can reduce blood

pressure by 2 to 8 mm Hg . Limit sodium to 2,300 milligrams ( mg ) a day or less. A lower sodium level $1,500 \mathrm{mg}$ a day or less - is appropriate for people 51 years of age or older, and individuals of any age who are African-American or who have high blood pressure, diabetes or chronic kidney disease.
5. Avoid tobacco products and secondhand smoke
On top of all the other dangers of smoking, the nicotine in tobacco products can raise your blood pressure by 10 mm Hg or more for up to an hour after you smoke. Smoking throughout the day means your blood pressure may remain constantly high.
6. Cut back on caffeine

The role caffeine plays in blood pressure is still debatable. Drinking caffeinated beverages can temporarily cause a spike in your blood pressure, but it's unclear whether the effect is temporary or long lasting.
7. Reduce your stress

Stress or anxiety can temporarily increase blood pressure. Take some time to think about what causes you to feel stressed, such as work, family, finances or illness. Once you know
what's causing your stress, consider how you can eliminate or reduce stress. If you can't eliminate all of your stressors, you can at least cope with them in a healthier way. Take breaks for deep-breathing exercises. Get a massage or take up yoga or meditation. If self-help doesn't work, seek out a professional for counseling.
8. Monitor your blood pressure at home and make regular doctor's appointments If you have high blood pressure, you may need to monitor your blood pressure at home. Learning to selfmonitor your blood pressure with an upper arm monitor can help motivate you. Talk to your doctor about home monitoring before getting started.
9. Get support from family and friends
Supportive family and friends can help improve your health. They may encourage you to take care of yourself, drive you to the doctor's office or embark on an exercise program with you to keep your blood pressure low. Talk to your family and friends about the dangers of high blood pressure.

## Earthquake: A fríghtening and lingering hazard

## By Dr. Nadia Asad Síddíquí, AM (GIS)

Tuesday, 16th of April 2013 was the day when suddenly a natural shiver went through the spines of everyone. It seemed like a small yet scary movement of ground below but by the time we realized something was wrong it was an earthquake. The building seemed to sway back and forth like a pendulum.

The magnitude of the earthquake was around 7.8 on Richter scale which fortunately lasted just a few seconds causing no major damage. The earthquake epicenter was 600 KM away from Karachi at Pak-Iran border with a depth of $70-80 \mathrm{KMs}$. The shock waves were also felt in Iran, UAE and India.

The major damage of earthquake was seen in the city of Kash in Iran and Mashkel in Pakistan. A lot of

people wonder how earth quake originates and how it travels below ground.

Earth is a planet, separated from sun and then cooled down gradually to sustain life on its surface. During this cooling process the upper layer of earth solidified to form land 75\% of which is covered by water. The
solid lands on top cracked and separated into pieces to form continents. These continents and oceans are sitting upon molten hot inner core of the earth that is still boiling and fuming.

All the continents and ocean floors are floating on molten lava that erupts on the surface when it finds a crack or fissure in solid land or ocean floor. These pieces of land and ocean floor are called 'Tectonic Plates' in geological terminology.

Karachi lies 150 KM east of triple junction between three active tectonic plates (Arabian, Indian and Asian). The underground molten lava pushes these plates to move apart or converge into each other or slide past the adjacent plates.


## How earthquakes are formed:

friction prevents rocks from slipping along the fault line

2 the energy is stored up

the tension reaches a critical point where it overcomes the friction
the plates make a sharp move and the stored up energy is released and shakes the earth's surface

| Other types of earthquakes <br> (other than tectonic) | a. man-induced (resulting <br> from mining, construction <br> of reservois, nuclear tests, |
| :--- | :--- |
| etc.) |  |

Earthquake forecasting methods

| Monitoring | Measuring <br> movements <br> of the crust <br> and crustal <br> deformations | Monitoring <br> the ground <br> water levels | Monitoring <br> radon content <br> in subsurface <br> water | Measuring <br> the geomagnetic <br> activity |
| :--- | :--- | :--- | :--- | :--- |

The fractured rock that generates an earthquake needs time to settle down in a comfortable position and during this settling down process further 'shock waves'are produced. These shock waves may be less intense than the earthquake but cause more damage due to already shaken infrastructure.

Pakistan lies in active tectonic region where earthquakes generate regularly and almost 65\% area is under moderate to high hazard zones. Karachi lies in Zone 2B that is the moderate hazard zone of earthquake.

Most of the earthquakes in Pakistan are not of great magnitude (usually 3 to 5 on Richter scale) but some of them were too intense (greater than 7.5) that caused tremendous damage to several cities including Quetta (1935) and Balakot, Rawlakot, Bagh, Mansehra in 2005.

When earthquake centre lies in the ocean floor then it propels the normal waves into devastating Tsunami waves, as happened in Japan (2011
and 2012). These gigantic waves sometime exceed 10 meters height (depending on earthquake magnitude). Fortunately Karachi never experienced any tsunami event in in recent times with only one such event happening in 320BC.

The destructive effects of an earthquake on the ground surface are not always related to the distance from the earthquake source. Different land and building materials respond differently and influence the level of shaking that sometimes intensifies as experienced by residents of buildings situated on sandy soil or buildings made up of loose material. An appropriate choice of building design and construction material can considerably lower the effects of the shaking.

Following are some safety measures that must be followed during an earthqauke emergency:

- Stay away from windows, bookcases, file cabinets, heavy mirrors, and other heavy objects that can fall

- Duck under a desk or table
- Watch for falling plaster or ceiling tiles
- Stay undercover until the shaking stops, and hold onto your cover
- If the desk or table you are under moves... move with it
- If in your car, stop, but not on a bridge, or under trees or a power line
- If outside, stay outside, and move to an area clear of overhead trees, power lines, or objects that could fall from a structure
- Don't forget about aftershocks.



## 8 Teams

## 16 Events

## 400 Playeres



## GET SET



# SSGC's first-ever inter-divisional sports festival sets the tone for togetherness 





All departments gelled together to form eight divisional teams namely Corporate Sharks, CS Dolphins, ES Panthers, Finance Falcons, IT Lions, MS Kangaroos, Southern Tigers, and Transmission Eagles. These teams featuring around 400 players competed in 16 various events under 11 disciplines of games including cricket, table tennis (males and females), badminton (Singles males and females and Doubles males), relay race, sprint 100 meter race, tug-of-war, tug-ofwar (veterans) paint ball shooting, bowling, egg spoon race, checkers, chess and scrabble. (Continued on centre spread)

## Medal Table

| SPORTS FESTIVAL 2013 MEDAL TABLE | Corporate Sharks |  |  | $\underset{\text { CS }}{\text { Dolphins }}$ |  |  | $\begin{gathered} \text { ES } \\ \text { Panthers } \end{gathered}$ |  |  | $\begin{aligned} & \text { Finance } \\ & \text { Falcons } \\ & \hline \end{aligned}$ |  |  | $\begin{aligned} & \text { Lions } \\ & \hline \end{aligned}$ |  |  | $\begin{gathered} \text { MS } \\ \text { Kangaroos } \end{gathered}$ |  |  | Southern Tigers |  |  | $\begin{aligned} & \hline \text { Transmission } \\ & \text { Eagles } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Goad | siver | Brone | Gold | Silver | Brone | Gold | silver | Brone | 6 | siver | Bronze | Gold | siver | Bronze | Gold | Ssluer | Brone | 6old | Silver | Brone | 6old | siver | Bronze |
| 1100 Meter Sprint |  |  |  |  | 1 |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |
| 2 100x4 Relay Race |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |  |
| 3 Badminton (D-M) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  |  |  |
| 4 Badminton (S-F) | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  | 1 |
| 5 Badminton (S-M) |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  | 1 | 1 |  |  |  |  |  |  |
| 6 Bowling |  | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |
| 7 Bullet Fighting | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |  |
| 8 Checkers |  | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |
| 9 Chess |  |  |  |  |  | 1 |  |  |  |  |  | 1 |  | 1 |  | 1 |  |  |  |  |  |  |  |  |
| 10 Cricket |  |  |  |  |  | 1 |  |  |  |  |  |  | 1 |  |  |  | 1 |  |  |  |  |  |  |  |
| 11 Egg Spoon Race |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |
| 12 Scrabble |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  | 1 | 1 | 1 |  |  |  |  |  |  |
| 13 Table Tennis (F) |  |  | 1 |  |  |  |  | 1 |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |
| 14 Table Tennis (M) |  |  |  |  | 1 |  |  |  |  | 1 |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 Tug of War |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| 16 Tug of War (Veterans) | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| GRAND TOTAL | 3 | 2 | 4 | 3 | 3 | 2 | 0 | 1 | 0 | 1 | 0 | 3 | 4 | 2 | 1 | 4 | 9 | 4 | 0 | 0 | 1 | 1 | 0 | 1 |
|  |  |  |  | 3 |  |  |  |  |  |  |  |  | 2 |  |  | 1 |  |  |  |  |  |  |  |  |





## Funny and bizzare

From Sohail Jaleel's spontaneity to Nadeem's exhibition of his biceps to Gohar's relay debut to the mystery tattoo, the Sports Festival was more than just about sports


Throughout the festival the spirits remained high and the participants as well as spectators experienced the thrill of team building, companionship and jubilation. The event unfolded on a span of four days i.e. April 19 and 20 and a week later on 26 and 27. All major competitions were held at Company's Karachi Terminal Sports Complex whereas bowling and paintball shooting were organized at 'The Arena'. The festival concluded on a high note on April 27, 2013 with a grand prize distribution ceremony featuring SSGC's former MD and present member of the Board of Directors, Azim Iqbal Siddiqui, as the chief guest. Though teams landed on winning and losing sides it was clear that the real winner was the sporting spirit.

The main highlights of this festival were the colorful opening ceremony in the jam packed head office auditorium where heads of 8 divisional teams were escorted one by one on stage by their respective representative attired in the exclusively colored sports attires. They were then greeted on stage by the MD who presented them their official playing kits. Helium gas lifter balloon tied with the multicolored festival mascot banner was released in air to add the color of the
ceremony. The MD then lit the ceremonial torch to officially declare the festival open and DGM (IT) Jameel ur Rehman, the torch bearer jogged with the torch to the main venue at Karachi Terminal where DGM (GTI) Adil Paracha took it over and ran to GM (Transmission) Mansoor Ahmed who lit the ceremonial light tower that remained illuminated till DMD (Ops) Rahat Kamal Siddiqui extinguished it immediately after declaring the festival as closed on April 27, 2013 in a fascinating closing ceremony where all winners were awarded the medals and trophies.

MS Kangaroos won the winning trophy by bagging 17 medals including 4 gold. They were closely followed by IT Lions and CS Dolphins first and second runner-ups, respectively. Nassar Abbas of IT Lions was declared as the best sportsman of the company and Sohail Jaleel, DGM (CRD) was presented a special memento for his exceptionally jovial and spontaneous running commentaries during the cricket matches. The festivity of the event managed in attracting corporate giants like Warid Telecom, Al-Karam Textiles, Crescent Steel, DresserRand and Prince Brothers to extend their cooperation as event sponsors. The period in which this festival was
convened was quite torrid for the organizing committee as it was not only intervened by heavy rains that challenged the maintenance of muddy outfield but was also shaken by the volatile law and order situation in town. Yet the resilient organizing committee under the project lead DGM (HR) Shahbaz Islam handled the entire affair in a highly professional manner.

This team that presented the highest ever participated event in SSGC's history earned huge applause from all quarters as it spent sleepless nights for around two weeks while addressing the minutest details. This speaks volumes of the leadership of MS Division, SSGC's Sports Board and HR Department that oversaw the entire activities of the organizing committee to ensure a presentable festival under the sole philosophy of bringing Company executives close to each other while nurturing a sense of togetherness and unity amongst them that is above the divisional and departmental boundaries.

In their endeavors they were fully supported by other departments including Corporate Communications, Transmission, Services, Administration, IT, Security, Medical, P\&C and SSGC Sports Club.



















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سئي سدرن گَيس كمبيني \& تُرانسيبرنسي انتزنيشنل جيمايين يادد اشت تي صحتيحون

 2013ع تي ترانسبيرنسي انترنيشنل پاكستان سان كٌّ هـا يادداشت تي صحيحون كيون آهن، جنهن جو مقصد كمبني جي پرو كيورمنت جي طريتي كار مر مسمل شنافيت كي يتيني بنائئو آهي - هن يادداشت جي تحت گيس









 سييئر جنرل مئنيجر (كاريوريت اينبر ليگَل انيئرز) هصيحون كـرثٌ جي هن تقريب م موجود





كستمرز :(كُل واجب الخادا رقم 64,612,162= كسنمرز : (كُ ولُ واجب الادا رقم 328,013= كستمرز :(كُلُ واجب الخادا رقم =56,649 ملين روييا )، بلك كستمرز : (كـل واجب الحادا رقم = 33,265 ،لين رويبا ) ، كمرثيل كسنمرز :(كُل واجب الادا رقه=16,730 ملين روبيا ) ، گهرو كستمرز: (كُل واجب الحادا رقهـ14,172 ملين روبيا ) شامل آهن - -


كمنيَ َّبي 79 بلين رويين جي خطير واجب
الالادا رقم جي وصولي جي سلسلي مـ جاري مهـم
تحت سئي سدرن گيس كمهني ناد هندكَان خلاف
سخت ايكشن كئني انهن با گيس كيكيكشن
 جا كنيكشن يهريان ئي كاتيا ويا آهن جدّهن ت~ روزانْ جي بنيادتي سوين كنيكشن كاتّيا يا وين

كمبني انهن نادهندكان جا نالا ميبيا ذريعي
 فيصلو كيو آهي - جنهن مر انبستّريل بلاك
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 يوايف جي ء بي خلاف پنهنجي بهم جي حصي هو ـ 3/4 انج سروس يائيّغ تي 3/4 انج جايا
 2013 ع تي خروت آباد ، سمنگلي روب كوئينا ساكت كليمب تي ويلب كري هك جي آء جي علائتي كلي ناصر آباد هم پايو هئيو - تّيم پائيپ هن شهري جي گهر اندر نيو ويو، جتان جي آبوائي كينت زون جي انجارج بي سي إي پازيّيسرين جي ذه كهج گَهرن كي غير قانوني كئي - 'تّيم ميمبرن م كينت زون جو انجنيئر طور تي گيس فراهم كئي وئي هئي - خيال كيو
 عبدالباري ، ايكتّنًا مئنجبر سي آر بي امير كنيكشن هك سال كان وذيك عرصي كان محمد ه كينت زون جي مينتينينس تُمْ شاهل استعمال كري رهيو هو ـ كوئينّا ريجن جي ريجنل مئنجر جناب ريق بلنج بـ ذـكر كيل

 ستو سنيون بغير ميتر گيس استعمال كـري رهيو

