



SUSTAINABILITY REPORT

2014-15

SNGPL-Sustain to remain





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FOREWORD BY THE MANAGING DIRECTOR!



I am confident to present our **annual sustainability report** exhibiting our progress and responsibilities toward society, environment, employee's health and safety and economic growth.

SNGPL being a leading integrated natural gas provider in the region always emphasize on the methodical and systematic transmission and distribution of the gas. The success of our business not only depends upon providing quality services to our consumers but our strategies and initiatives concerning **sustainable development** also keeping in view strong interaction with the society and environment.

The global concerns like energy crisis, climate change, global warming and depletion of resources promoted us to take steps to combat the situation through continual improvement in our behaviors and actions to environment and society. SNGPL has launched different awareness campaigns and projects to play its role for dealing with these challenges. We are moving in the direction of continual improvement by focusing on small objectives throughout the year.

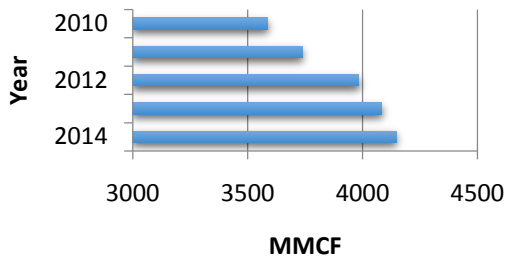
We appreciate our employees, stakeholders and customers for their dynamic participation to accomplish our set goals. We aspire to adopt best practices in future to make our people realize that work in a sustainable manner are essential to success.

Mr. Amir Tufail
Managing Director

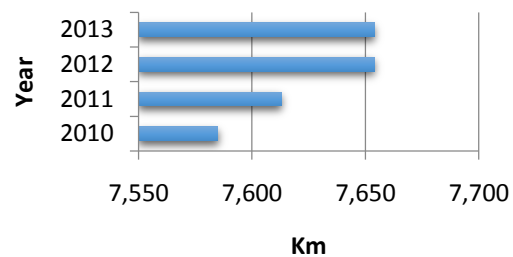
SNGPL AT A GLANCE

Sui Northern Gas Pipelines Limited (SNGPL) was incorporated as a private limited Company in 1963 and converted into a public limited Company in January 1964 under the Companies Act 1913, now Companies Ordinance 1984, and is listed on all the three Stock Exchanges of the Country. The Company is certified against ISO 14001:2004 & OHSAS 18001:2007 Standards. SNGPL's 11 sites have been registered under the "SMART2" Program by Pakistan Environmental Protection Agency (PAK-EPA)

Distribution Capacity



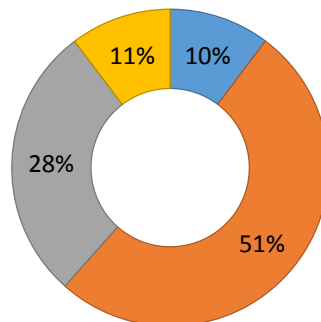
Transmission Network



■ Distribution Capacity

■ Transmission Network

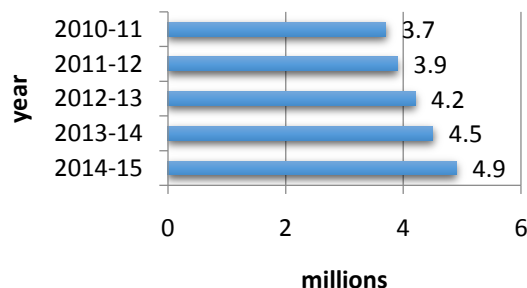
CSR Activities Budget Break up



Corporate Social Responsibility total Budget FY 2014-15 is **100.03** millions

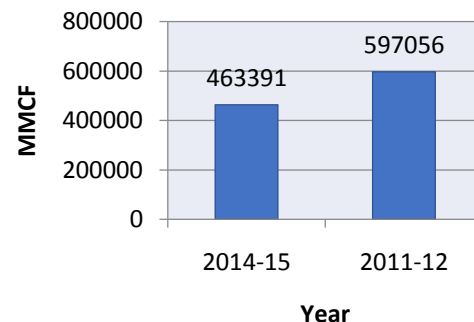
■ Chairs ■ Sports Cell ■ Cricket ■ Miscellaneous

Consumers



■ Consumers

Gas sales



■ Gas sales

Our Mission & Vision



Mission

- To be the leading integrated natural gas provider in the region seeking to improve the quality of life of our consumers and achieve maximum benefit for our stakeholders by providing an uninterrupted and environmental friendly energy resource



Vision

- A commitment to deliver natural gas to all door steps in our chosen areas through continuous expansion of our network, by optimally employing technological, human and organizational resources, best practices and high ethical standards



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graph TD
    GM[General Manager (HSE)  
Vacant] --- Sec[Secretary to GM (HSE)  
Vacant]
    GM --- CE[Chief Engineer (HSE)  
MR (EMS/OHSAS)]
    CE --- DCE1[Dy. Chief Engineer (HSE)  
EE (HSE) as DMR EMS]
    CE --- DCE2[Dy. Chief Engineer (HSE)  
EE (HSE) as DMR OHSAS]
    DCE1 --- SE1[Senior Engineer (HSE)  
EE (HSE) for Environment Section]
    DCE1 --- SE2[Senior Engineer (HSE)  
Engr. (HSE) Gr-III for Certification / CSR]
    DCE2 --- SE3[Senior Engineer (HSE)  
Engr. (HSE) Gr-III for OHSAS Section]
    DCE2 --- MO[Medical Officer  
OH Consultant OHSAS Section]
    subgraph HeadOffice [Head Office]
        GM
        Sec
        CE
        DCE1
        DCE2
        SE1
        SE2
        SE3
        MO
    end
  
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Memberships:

SNGPL is the member of 'National Safety Council'. National Safety Council is a non-profit organization dedicated to their mission of saving lives by preventing injuries and deaths at work, in homes and communities, and on the road through leadership, research, education and advocacy.

National Safety Council


2010-2011




International Safety Council

Sui Northern Gas Pipelines Ltd.

Is a Proud Member since August 13, 2010



Janet Froetscher
President & CEO
National Safety Council



Roger H. Marks
President
International Safety Council

Mission

The National Safety Council saves lives by preventing injuries and deaths at work, in homes and communities, and on the roads, through leadership, research, education and advocacy.

Vision

Making our world safer.

CORPORATE SOCIAL RESPONSIBILITY (CSR)

The International Organization for Standardization defines Corporate Social Responsibility (CSR) as part of its work on the new Guidance Standard on Social Responsibility, ISO 26000. It says:

“Social responsibility is the responsibility of an organization for the impacts of its decisions and activities on society and the environment, through transparent and ethical behavior that:

- contributes to sustainable development, including the health and the welfare of society;
- takes into account the expectations of stakeholders;
- is in compliance with applicable law and consistent with international norms of behavior; and
- Is integrated throughout the organization and practiced in its relationships.”

CSR initiatives and policies are built on four pillars: Environment, Social responsibility, Economic development and Commitment to employees





GOALS & OBJECTIVES:

SNGPL has formulated goals and objective with reference to Company's Corporate Social Responsibility (CSR) policy. Health Safety & Environment (HSE) department of SNGPL establish targets for the year and organize their teams for the execution and completion of these objectives to check the company performance throughout the year. Following are the main sectors to be addressed regarding CSR policy;

- a) Education
- b) Relief activities
- c) Health Safety & Environment
- d) Energy Conservation
- e) Internship programs
- f) Availability of safe drinking water
- g) Renewable energy resources
- h) Awareness Programs
- i) Events & celebrations



CSR POLICY:

SNGPL is dedicated towards its CSR policy which is based on the best practices all over the world to leave a positive impact on the environment, employees, social norms and economic development. The laid out objectives are to be achieved by adopting a methodology that drives contact of the Company's business leading to commercial success in ways and manner that honour ethical values, environment, people and communities. SNGPL believes in

- Business that should be both profitable and beneficial to the society
- Improving the quality of life of the communities especially those who are under privileged.
- Ensuring harmonious relations with our stakeholders, by working in partnership with the community, the Government and NGOs through the principles of Sustainable Development.

PRINCIPLES OF CORPORATE SOCIAL RESPONSIBILITY (CSR) POLICY:

We pledge to perform our corporate duty, based on following acknowledge & principles with dedication, diligence and integrity.

a) Standard of business conduct

We are committed to ensure that all our corporate activities are conducted strictly in accordance with high levels of professional and legal standards as per code of business ethics.

b) Health, Safety & Environment

We are committed to provide and strive to maintain clean, healthy & safe working environment by continually conducting public awareness campaigns to promote safe use of natural gas.

c) Community

We are committed to be a responsible corporate citizen by pro-actively supporting the affected communities in the events of national and natural catastrophe.

Dare to Care..

Honor Yourself' Honor Others' Honor the Planet

WE BELIEVE IN SOCIAL RESPONSIBILITY

d) Disclosure

SNGPL shall provide information about descriptive as well as monetary disclosures of the CSR activities undertaken in each financial year on its website, annual reports and other communication media. The disclosure shall be made in the Director's report to the share holders annexed to the annual audited accounts.

The disclosure shall include but shall not be limited to the following:

- a) Education
- b) Energy Conservation
- c) Community Investment and Welfare Schemes
- d) Consumer Protection Measures
- e) Welfare spending for under privileged classes
- f) Industrial Relations
- g) Employment of special persons
- h) Occupational safety and health
- i) Rural Development Programmes

We will ensure that effective systems are in place to manage and monitor compliance with this policy and take remedial action whenever we fall short of our commitment. A CSR Committee having the following composition will review and approve strategic plans, assess progress and offer guidance about emerging CSR issues of importance.

i	Deputy Managing Director	Chairman
ii	Senior General Manager (ES)	Member
iii	Chief Financial Officer	Member
iv	General Manager (LS)	Member
v	Chief Engineer (HSE)	Member/Secretary

CSR Committee will periodically evaluate and approve the projects recommended by the regional CSR cells headed by each Regional In-charge duly assisted by his team.

The CSR Committee will ensure:

- ✓ That projects are within the area of SNGPL's operation. However, being a national Company, SNGPL may extend its support regardless of geographical locations for special projects of national importance.
- ✓ That SNGPL cooperates with and/or associates with NGOs and Community Based Organizations (CBOs) working in a financially transparent manner i.e. maintaining properly audited accounts and operations on non-profit basis and having credibility and reputation in the public sector.
- ✓ That priority is given to under-privileged areas and segments of society, institution and projects which generally do not have easy access to other sources of funds.
- ✓ That NGOs/CBOs and institutions having political / ethnic affiliation are not supported.
- ✓ That special funds are got approved from the Board of Directors each year for implementation the CSR policy.

FOCUS AREAS:

Basic Human needs

- Contribute due share in fulfillment of basic human needs of the deprived and underprivileged by focusing on health care, sport, sanitation and environment etc

Educational Reforms

- Provide assistance for the Promotion of education in Pakistan

Self Reliance

- Build **self reliance** through programs aimed at Skill Enhancement and creating income generating opportunities for the under privileged

Health Safety & Environment

- Implementing sound Environment, Health & Safety Management Systems and take a proactive approach to address environmental issues like tree plantations, awareness campaigns etc

Labour Standards

- Support and uphold the principles contained in the University Declaration of Human Rights and the International Labor Organizations fundamental conventions on core labor standards

Medical Facilities

- Provide medical and community aid to alleviate hardship and distress to under privileged

National Heritage

- Conserve National Heritage, indigenous culture and sports during implementation of projects

Awareness programs

- Organise awareness programs regarding gas conservation, dengue awareness, promotion of renewable energy resources, training workshops for workers

Business has a Responsibility to give back to the community



We believe in
social growth



PERFORMANCE AGAINST CSR POLICY DURING (FY2014-2015);

Education

1) Sponsorship of Gold Medals;

In order to promote education, SNGPL has sponsored 2 Gold Medals at Ghulam Ishaque Khan Institute, Topi, One Gold Medal at NFC Faisalabad and One Medal at NFC Multan with cost of Rs. 70,000/- each and total outlay of Rs. 280,000/-

2) Chair on gas engineering;

SNGPL is sponsoring three “Chairs” on Gas Engineering at University of Engineering and Technology, Lahore, University of Engineering and Technology, Peshawar and University of the Punjab. The Chairs were constituted to fulfill the Oil and Gas Regulatory Authority (OGRA) licensing conditions to promote higher education. Company’s Corporate Social Responsibility has also an objective in providing support in promoting education. As per approval of OGRA and Board of Directors (BOD) the annual grant for the Chairs for the year 2015 is Rs. 3.32 millions for each institute to carry out alternate energy resources, especially solar energy and innovative techniques for conservation of energy resources. The total annual funding for these Chairs is Rs. 9.96 million.

a) University of Engineering and Technology, Lahore

Chair on Gas Engineering at University of Engineering and Technology (UET), Lahore has been established since 2006 and company allocates funds every year for the ongoing and new projects by the UET Department of Chemical Engineering. Main areas for the research are energy conservation.

i) Densification of Biomass/ Biomass Gasifier

Biomass Gasifier was fabricated and tested for commercial purposes utilization. Primary and secondary airs are adjusted in such a way to have maximum efficiency and flame temperature. Solar panel was used to operate the fan to make its working totally on renewable resources.

ii) Solar Biomass Water Heater

Gas water heater was modified and tested using biomass feed as fuel for heating water. The lower section of normally available water heater was replaced with biomass gasifier stove having solar operated fan. The thermostat was connected with fan in order to switch it on/off with the variation in water temperature

iii) Energy from Shale

Shale is a collection of fine-grained, laminated sedimentary rocks consisting of silt and clay sized particles. The conventional gas reservoirs have been explored and developed in Pakistan; however, very little work has been done so far in developing these unconventional reservoirs. UET team is working on energy from shale to meet the energy requirements in the country.

iv) Coal Water/ Coal Oil Slurry

Coal-water / Coal Oil Slurry is a fuel consisting of fine coal particles suspended in water/ Oil. It reduces harmful emissions into the atmosphere and makes use of a coal equivalent to liquid fuel. Research work is being carried out on this project.



b) University of Engineering and Technology, Peshawar

The progress for the year 2014-15, for sponsorship of chair on Gas Engineering at Department of Mechanical Engineering (DME), University of Engineering and Technology (UET), Peshawar presents following activities;

i) Generation of Bio Gas and its integration in current Natural Gas Line

Project for the integration of biogas a sample Bomb has been designed by UET Research team. The chromatography result shows that there is 35% CH₄ and 34% N₂ in the Bio Gas. Working on a detailed Techno Economic feasibility report of Bio Gas Plants is in progress on the basis of unavailability of Natural Gas, community consent, availability of raw material.

ii) Design and Analysis of Domestic Room Heater (The Smart Space Heater)

UET PSR Research team has started working on the optimized design for domestic room heater. This project is beneficial to optimize the use of natural gas at domestic level and it's a positive step towards sustainable use of available resources.

c) Punjab University Lahore

Chair on Gas Engineering at Institute of Chemical Engineering and Technology, University of the Punjab (PU), Lahore has been established since 2007. PU researchers has started new project on energy conservation.

i. Solar powered Desalination of Water.

The separation and removal of ions, salts and other dissolved solids from water is called desalination. In this desalination plant two steel trays have been fixed together in the form of large tray in such a way that two separate ways for the flow of polluted and desalinated water. Polluted water enters the central tray through PVP pipe where it changes into vapors due to sunlight heat. The vapours gather at glass walls where they turn into water drops again which flow along the walls to outer tray where desalinated water is collected through pipe.

ii. Energy Conservation in Boilers / Furnaces:

Energy has been conserved through 1) Feed Water Preheating with flue gases using Economizer 2) complete combustion by observing flame and smoke color 3) excess Air Control by maintaining 5% to 10% excess air and 4) Automatic Blow down Control by installing automatic controls on boilers.

iii. Technologies for removal of Arsenic from Potable Drinking Water.

Commercial availability/ feasibility of Iron oxide coated sand filtration & flocculation-microfiltration using iron chloride as flocculent has been checked. Experiments to remove arsenic from drinking water were performed on laboratory scale from imported laboratory grade chemicals. In order to check, the commercial availability of the chemicals used in these methods market survey is being conducted.

iv. Estimation modeling for calculation of volumetric impact of above ground/ underground leakage at CMS of distribution.

The project has been successfully completed and refred for the publication.



ECO Internships

SNGPL is sponsoring 3000 students from both Government and private Educational Institutions of class six (6) and above, including 1000 students from less privileged institutions, falling under SNGPL's business network, which includes Punjab, KPK and AJK. SNGPL collaborated with WWF Pakistan and announced grant of Rs. 1.5 million to launch "***International ECO Internship Program 2014-2015***".



Signing ceremony of "International ECO Internship Program 2015"



Group Photo of Interns of Kinnaird College and BSS Lahore with Mr. Farrukh Majeed

The five session long summer Internship Program has been completed during the year and students of 57 different schools were given opportunity to get internships. This program was based on special training by Environmental experts, group works, participation in different activities, interactive discussions i.e. how to protect the environment, creative green challenges, environmental documentary – making and finally an exposure visit to a place of ecological importance including highlighting its environmental hazard. The whole program is interactive and motivating for enabling students to get the opportunity to be affiliated with the global organization and create genuine sense of civic responsibility in the students.



Mr. Farrukh Majeed (GM HSE)- Distributing certificates to students at Kinnaird College and BSS Lahore



How to utilize renewable energies

Lecture to school students during Internship Program

ENERGY CONSERVATION

Installation of Solar Panels System at Consumer Service Centre (CSC) Lahore

Company has installed the Solar Panel System at Consumer Service Center (CSC) of Regional Office Lahore keeping in view present scenario of energy crisis. The cost of the Solar panel system was Rs. 2.1 Million with the capacity of 10KW. It was a pilot project and company has planned to install Solar Panel on other locations.

The first and foremost advantage of solar energy is that, beyond panel production, it does not emit any greenhouse gases. Beyond initial installation and maintenance, solar energy is free. Solar doesn't require expensive and ongoing raw materials like oil or coal, and requires significantly lower operational labor than conventional power production.




Panels Installed at the roof top of CSC – LHR

Solar Water Heater:

SNGPL has launched campaign for the installation of Solar Water Heaters (SWH) in January, 2015 for the energy conservation and to encourage renewable energy resources. SWH are very economical and environmental friendly energy source because in Pakistan solar energy is readily available. They are designed for the storage capacity of 200 liters and up to 60-80 °C temperature can be achieved with an average life span of 15-20 years. These SWH are made of stainless steel storage tank and borosilicate glass evacuated tubes can cater weather conditions like rain, fog, heavy overcast. They can be coupled with existing geyser system.

Keeping in view current energy crisis prevailing in the country and all over the world SNGPL has decided to offer this device on no profit basis and with 24 easy installments.


SOLAR WATER HEATER



- Solar Water Heater (SWH) turns cold water into hot water with help of sun's rays.
- Around 60-80 °C temperature can be attained depending on solar radiation and weather conditions.
- The SWH is equipped with a storage tank of 200 liters capacity.
- Stainless steel storage tank with borosilicate glass evacuated tubes have an average life span of 10-15 years.
- SWH can be coupled with existing traditional geysers using a hybrid approach to cater with severe conditions like rain, fog and/or heavy overcast.
- SWH is environment friendly as carbon emissions associated with water heating are reduced or eliminated.
- Keeping the current energy crisis and gas conservation in view, SNGPL is offering the device to its valuable consumers at no profit basis with easy payment options for up to 24 installments.
- Being a pilot project, a limited quantity of the device may be offered on first come first serve basis.

To book for your unit and/or to get further information, please contact on 042-99204581 or swh.hse@sngpl.com.pk. The information is also available at our Customer Service Centre, 21- Gurumanget road, Gulberg, Lahore.

*terms and conditions apply.

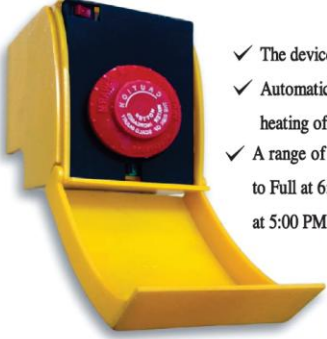
**SUI NORTHERN GAS PIPELINES LIMITED**

Report Gas Thieves on 042-99202432 OR Gas leakage, immediately Call our Helpline 1199 www.sngpl.com.pk

Energy Conserved is Life Preserved..

Geyser Timer Device:

For the conservation of gas SNGPL has launched a device for automatic control of gas consumption according to consumer's specified time schedule. It can be easily connected with smart phones via Bluetooth and consumer can operate anytime from his phone. Its installation is very easy on already existing thermostat and can save 20% to 30% gas consumption. SNGPL has started to install 'Geyser Timer Device' on no profit basis keeping in view present shortage of gas.


A yellow plastic device with a red circular dial in the center. The dial has markings for 'Full', 'Pilot', 'Warm', and 'Off'. The device is shown in an open position, revealing the internal components.

GEYSER TIMER DEVICE

- ✓ The device can make the existing thermostat Time Aware.
- ✓ Automatically turning the geyser setting to user specified position, avoiding unnecessary heating of water especially in winter nights.
- ✓ A range of settings to choose from that fits a user's lifestyle for example turn the geyser to Full at 6:00 AM, to Pilot at 9:30 AM, to Warm at 1:00 PM, to Pilot at 2:30 PM, to Full at 5:00 PM, to Off at 10:00 PM etc.

- ✓ It can save 20% to 30% of gas consumption resulting in lesser gas bills.
- ✓ Easy installation of the device on the existing thermostat with no or minimal changes.
- ✓ The device operates on ordinarily available Alkaline AA batteries.
- ✓ Keeping the current energy crises and gas conservation in view, SNGPL is offering the device to its valuable consumers at no profit basis with easy payment options of up to 12 installments.
- ✓ Being a pilot project, a limited quantity of the device may be offered on first come first serve basis.

*terms and conditions apply.

The logo of Sui Northern Gas, featuring a gear with a flame inside and the text 'SUI NORTHERN GAS' around it.

Sui Northern Gas Pipelines Limited

For further information and/or to give consent to get the device, please contact on **042-99204581** or gtd.hse@sngpl.com.pk

Report Gas Thieves on 042-99202432 OR Gas leakage, immediately Call our Helpline 1199

www.sngpl.com.pk

DRINKING WATER FOR COMMUNITY

SNGPL has made arrangements for potable drinking water for the community at Faisalabad and Multan. Extension of these projects is in pipeline with the cost of Rs. 710,000/-. Further, Management has also approved Installation of drinking water filtration plant at C-10 Nowshehra at the cost of Rs. 1.8 million.

SNGPL is also in process of installing Reverse Osmosis Plants/ Water Filtration Plant at all its Regional Offices with the provision of supplying safe drinking water to communities. Total cost for this project is Rs. 7.2 million.

LANDFILL SITE CONSTRUCTION:

SNGPL has constructed a landfill site for burying of Asbestos material at colony area at a non-populated place in Faisalabad. It is a great initiative for environmental management and handling of hazardous materials.



Asbestos Landfill site in Faisalabad

BIO GAS PROJECTS:

Biogas is a renewable energy source with many different production pathways and various excellent opportunities to use. It typically refers to a gas produced by the anaerobic digestion or fermentation of organic matter including manure, sewage sludge, municipal solid waste, biodegradable waste, energy crops or any other biodegradable feedstock. Biogas is comprised primarily of methane and carbon dioxide. It burns efficiently and emits less carbon dioxide per unit of energy. One main advantage of biogas is the waste reduction potential. Biogas production by anaerobic digestion is popular for treating biodegradable waste because valuable fuel can be produced while destroying disease-causing pathogens and reducing the volume of disposed waste products.



Mrs. Uzma Adil Khan Chief Executive Consulting with women in village about biogas project

Biogas production kills two birds with one stone: it reduces waste and produces energy. In addition, the residues from the digestion process can be used as high quality fertilizer.

Keeping in view the prevailing energy crisis, Company has taken steps to utilize alternate energy resources. In this regard a Biogas production plant has been installed in the village near Sheikhpura. The plant has total capacity of 100 m³ and total project cost was 2.9 million PKR. Raw material includes animal dung and organic waste. Company is further seeking plans to initiate biogas project in other areas.



Ms. Asma Maqbool HSE Executive during awareness program about biogas use in Sheikhpura

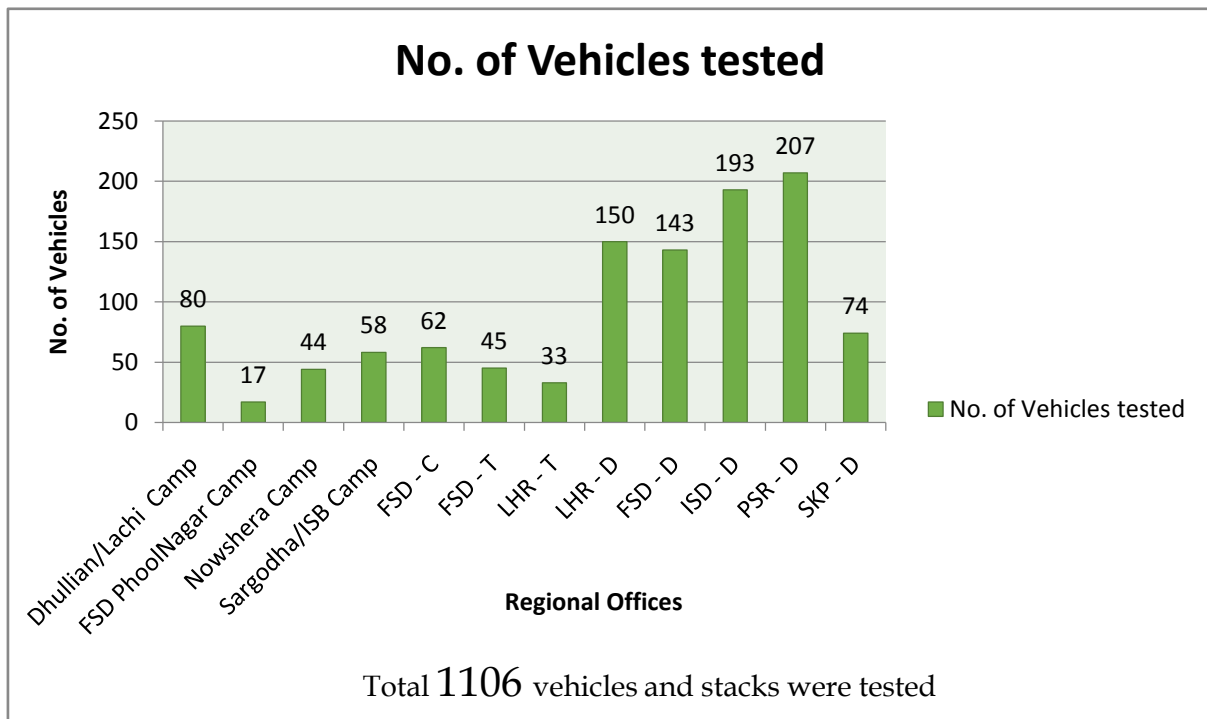
Drive
sustainability
via **behaviour**
change

ENVIRONMENT PROTECTION

SGNPL is committed to preserve the environment from any adverse effects. We are committed to achieve this goal while enhancing economic and social growth. In-House emission testing of welding plants/ generators/ equipments is being carried out by SNGPL. Vehicles/machines having emissions level above the standards are declared not-fit-to-operate and are stopped from operating until there smoke levels adhere to the National Standards. Drinking and waste water testing is also being performed by HSE department at all sites of SNGPL.

Surveys regarding illumination, noise levels and monitoring of air quality at all sites of SNGPL are being carried out by HSE department on an annual basis.

EIA/IEE studies are also conducted by HSE Department before the commencement of any project to assess its environmental impacts. We at SNGPL are committed to preserve the environment by sticking to our goal of “PROTECTION OF ENVIRONMENT”.





*Let's
Act
Together*

Environment Excellence Award

SNGPL has participated in 11th Annual Environment Excellence Award 2014, organized by M/s National forum for Environment and Health (NFEH), a non-government, non-profit organization.

Mr. Farrukh Majeed (General Manager HSE) received 11th Annual Environment Excellence Award 2014, by honorable Chief Guest Chaudhary Muhammad Sarwar (Governor of the Punjab) in appreciation and recognition of the services and overall performance of SNGPL in the field of Health, Safety and Environment.



Mr. Farrukh Majeed receiving 11th Annual Environment Award on Sept 27, 2014



ANNUAL SPORTS:

SNGPL annual sports Gala 2015 was held from 6th-9th April 2015 at WAPDA Sports Complex Lahore. Around 275 players had participated from regional teams which competed in 12 different events including Volley Ball, Tug of War, Badminton Single & Double, Table Tennis Single & Double, 100 meter race, 200 meter race, 4*100 meter race, Shot Put, Long Jump and High Jump. Women team from Lahore participated in Table Tennis and Badminton. We are Pakistan Champion of cricket from last three years

Provision in annual budget for Sports Cell and cricket was Rs. 49.77 million and Rs. 27.3 million respectively.



ISRAR Ahmed, SNGPL Squash player receiving winner trophy of DOHA International junior squash championship 2015, QATAR



Mr. Amer Tufail, Managing Director presenting winning trophy of 1st SNGPL National Men/Women Tennis Championship 2015 to muzammil murtaza (under 18)



Madina Zafar (SNGPL Squash Player) receiving winning trophy of 1st SNGPL National Men/Women Squash Championship 2015

HSE POLICY:



Health, Safety & Environment Policy

Sui Northern Gas Pipelines Limited will ensure that

- * The health of its employees, its consumers and its contractors is protected.
- * All its activities are carried out safely.
- * Environmental performance meets legislative requirements.
- * There is continuous improvement in HSE performance.

To implement HSE Policy, Sui Northern Gas Pipelines Limited will

- * Comply with relevant laws and regulations.
- * Ensure that required Health, Safety and Environment Organization, Standards and Procedures are developed and established.
- * Ensure that all its activities are carried out in accordance with relevant international standards and Company's Health, Safety and Environment Standards and Procedures.
- * Set demanding targets and measure progress to ensure continuous improvement in Health, Safety and Environmental performance.
- * Require every employee to exercise personal responsibility in preventing harm to himself/herself, to others and to the environment.
- * Provide appropriate Health, Safety and Environment training/information to all employees, contractors and consumers.
- * Ensure provision of safe working environment in order to protect the employees from occupational illness and accidents.
- * Promote awareness and give due recognition to performance in the area of Health, Safety and Environment.

Nothing contained in this policy will be interpreted so as to enhance the otherwise legal obligation of the Company.

ARIF HAMEED
MANAGING DIRECTOR
NOVEMBER 28, 2011

Sui Northern Gas Pipelines Limited

پالیسی برائے صحت، حفاظت اور ماحولیات

سوئی ناردرن گیس پائپ لائنز لمیٹڈ اس امر کو یقینی بنائے گی کہ

- ☆ اس کے ملازمین، خریدار اور ٹھیکیداران کی صحت کو کام سے متعلقہ کوئی نقصان نہ پہنچے۔
- ☆ ادارہ میں ہونے والے تمام کام حفاظت کے اصولوں کے مطابق ہوں۔
- ☆ ماحولیاتی کارکردگی قانونی ضوابط کے مطابق ہو۔
- ☆ صحت، حفاظت اور ماحولیات کی کارکردگی میں متواتر بہتری ہو۔

صحت، حفاظت اور ماحولیاتی پالیسی پر عمل درآمد کے لئے
سوئی ناردرن گیس پائپ لائنز لمیٹڈ مندرجہ ذیل اقدامات کو یقینی بنائے گی۔

- ☆ تمام متعلقہ قوانین اور ضوابط پر پوری طرح عملدرآمد۔
- ☆ صحت، حفاظت اور ماحولیات کے لئے مناسب تنظیم اور ضروری معیار اور طریقہ ہائے کار کا تعین اور نفاذ۔
- ☆ اس امر کو یقینی بنانا کہ تمام ادارہ کے صحت، حفاظت اور ماحولیات کے معیار اور طریقہ ہائے کار کا تعین اور نفاذ۔
- ☆ ایسے اہداف کا تعین اور کارکردگی کا جائزہ جس سے صحت، حفاظت اور ماحولیات میں مسلسل بہتری کو یقینی بنایا جاسکے۔
- ☆ ہر ملازم کو پابند کرنا کہ وہ خود، ساتھیوں اور ماحول کو نقصان سے محفوظ رکھے۔
- ☆ تمام ملازمین، خریدار اور ٹھیکیداران کو کام سے متعلقہ صحت، حفاظت اور ماحولیات کے لئے مناسب معلومات اور تربیت فراہم کرنا۔
- ☆ کام کے لئے محفوظ ماحول کو یقینی بنانا تاکہ تمام کارکنان کام سے متعلقہ بیماریوں اور حادثات سے محفوظ رہ سکیں۔
- ☆ صحت، حفاظت اور ماحولیات کے متعلق آگاہی پیدا کرنا اور اس سلسلہ میں اچھی کارکردگی کی حوصلہ افزائی کرنا۔

اس پالیسی کے امور کسی بھی اعتبار سے ادارہ کی مجوزہ قانونی ذمہ داریوں میں اضافہ نہیں کرتے۔

عارف حمید
منیجنگ ڈائریکٹر
28 نومبر 2011ء

SMOKING POLICY:



Issue No: 02
Issue Date: 17.01.2012

Smoking Policy

Sui Northern Gas Pipelines Limited is committed in providing a safe, healthy and productive environment for all its employees. Sui Northern Gas Pipelines Limited recognizes that smoking is a health hazards for both smokers and non-smokers. Sui Northern Gas Pipelines will Endeavor to control the exposure of employees in the workplace to the harmful effects of tobacco products with the ultimate objective to protect non-smokers and in doing so enhance the air quality of the work environment for employees.

Sui Northern Gas Pipelines Limited Smoking policy shall apply to:

- *All employees, clients, visitors and contractors of the SNGPL and no exception to the policy will be made.*
- *All buildings, premises or enclosed spaces occupied, owned, leased or controlled by the SNGPL.*
- *All workplaces, which include all Company buildings, Lobbies, Elevators, Cafeterias, Washrooms, Vehicles, or any other common areas frequented by employees.*

Sui Northern Gas Pipelines Limited believes that all employees have the right to a safe and healthy workplace. In accordance with this belief, Sui Northern Gas Pipelines Limited has regulated smoking in the workplace with the objective:

- *To educate smokers about the harmful effect of smoking and give advice, guidance and support if employees decide to give up smoking.*
- *To change the working environment to minimize the harmful effects of passive smoking on the non-smoker.*
- *To provide employees with healthy and efficient working environment and to avoid conflict in the workplace.*
- *To provide education and information to all staff with information on the effects of smoking on health.*
- *To provide a designated smoking area with clear markings and adequate ventilation for smokers.*

Nothing contained in this policy will be interpreted so as to enhance the otherwise legal obligation of the Company.


ARIF HAMEED
MANAGING DIRECTOR

JANUARY 17, 2012

HSE AT SNGPL:

For effective implementation of Company's Health, Safety & Environment policy, Integrated Management System has been developed. Integrated Management System is based on international standards of ISO 14001:2004 and OHSAS 18001:2007. IMS procedures are reviewed on as and when required basis for continual improvement.



MANAGEMENT REVIEW MEETING:

To show its commitment towards implementing HSE Policy across the Company, Management Review Meeting headed by Managing Director is conducted bi-annually for periodic review and evaluation of HSE management system. The Committee comprises of all Head of Departments. Management Representative presents information for review and concurrence, which includes but not limited to:

- HSE Policy
- OH&S and Environmental Objectives, Targets
- Legal and other requirements
- Training, Awareness and Competence
- Environmental Evaluation of compliance
- Emergency Preparedness and Response
- Accident/Incident Status
- Non-Conformance, Corrective/Preventive Action Status
- Internal Audit Status

The purpose of Management Committee is to remove any weaknesses that may be in the HSE Management System and to ensure continuous improvement.

HSE FOCAL POINTS:

For effective implementation of HSE Management System, Regional In charges have been appointed as HSE Focal Points. The Focal point forms a HSE Site Committee which convenes every second month to review the HSE initiatives taken across the region. The main features of this committee are:

1. OH&S and Environmental Risk Assessment
2. Incident/Accident Reporting
3. Safety Talks
4. Routine Safety Audits
5. PPE's and FFE's
6. Legal and other requirements

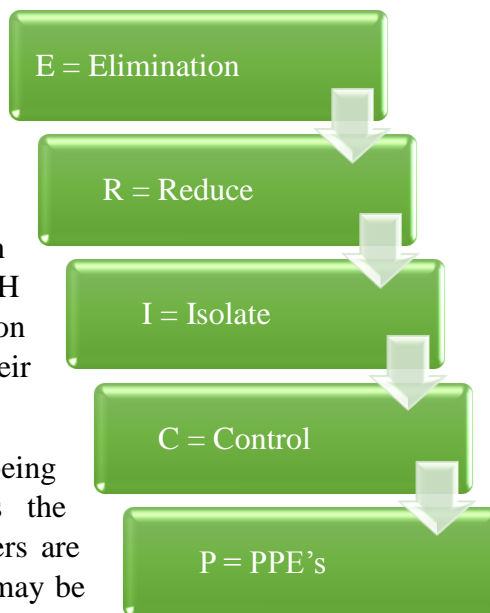
OCCUPATIONAL HEALTH:

SNGPL's top management is devoted to promote HSE culture across the Company. Hazard identification and evaluation/root cause analysis of the risks associated with it, is an integral part of HSE Integrated Management System (IMS). The same process is also being applied in the field of Occupational Health. Many potentially hazardous situations occur in work place like high noise level, heat stress, low level of lighting etc.

These hazards are identified and reduced using the ERIC-P method where:

Health awareness events and sessions have greatly made the employees of SNGPL more aware of occupational health. Health awareness programs have been established at SNGPL which serves many purposes including interaction between the employees and OH consultant/Doctors. Through this interaction employees get an opportunity to discuss their lifestyles (health related) to reduce their concerns.

OH monitoring and health surveillance is being carried out regularly at various sites across the Company especially in those areas where workers are directly involved in an activity/operation which may be affecting their health. The main purpose of conducting these programs is to make workers more aware regarding Occupational Health. A consolidated report is to be apprised to the Management for necessary review and advice.

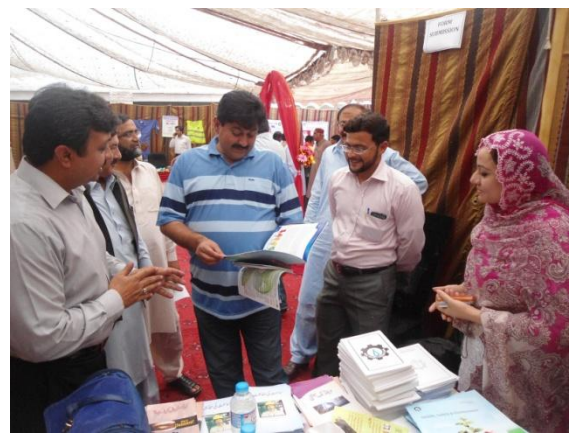


HSE WEEK / MEDICAL CAMP:

HSE Department, in collaboration with the concerned site, arranged Medical Camps. This was an initiative that has a major contribution in spreading awareness regarding Occupational Health and Safety among the employees. Around the year Medical Camps were arranged at different SNGPL sites.

Following activities were carried out in the Health Surveillance:

1. Blood Sugar Testing
2. Height and Weight Monitoring
3. Blood Pressure Testing
4. Hepatitis B and C Testing
5. Food handler stalls
6. Eyes Refraction
7. Bones Scan
8. Pulmonary Function Test for welders / drivers / computer users
9. General Medical Examination



Medical Camp at different regions by HSE department

HEALTH SCREENING

AUDIOMETRIC TESTING:

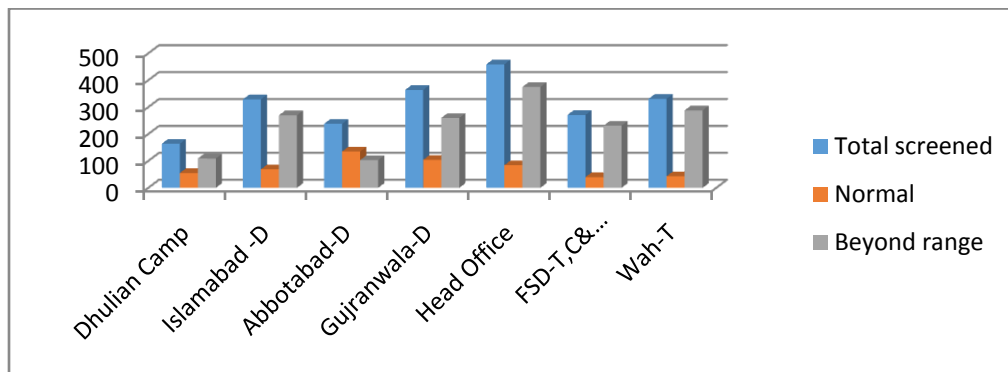
There are many high noise level activities in SNGPL operations. Workers who are directly involved in these operations are exposed to high levels of noise. This may result in weakening of hearing capabilities. To ensure minimum hearing loss of workers, audiometric testing of such employees is conducted across the company. This is part of the “*Hearing Conservation*” program.

HSE Management system has developed a Hearing Conservation procedure to protect employees against possible noise induced hearing loss while performing their duties.



PULMONARY FUNCTION TEST (PFT):

Pulmonary Function Testing (PFT) is a complete evaluation of the respiratory system including patient history. Pulmonary function tests are a broad range of tests that measures how well the lungs take in and exhale air and how efficiently they transfer oxygen into the blood. Spirometry is the measure of lungs function. The information gathered during this test is useful in diagnosing certain types of lung disorders, but is most useful when assessing for obstructive lung diseases (especially asthma and chronic obstructive pulmonary disease, COPD).



Health Screening Data at Medical Camps

AWARENESS PROGRAMS/ CAMPAIGNS:

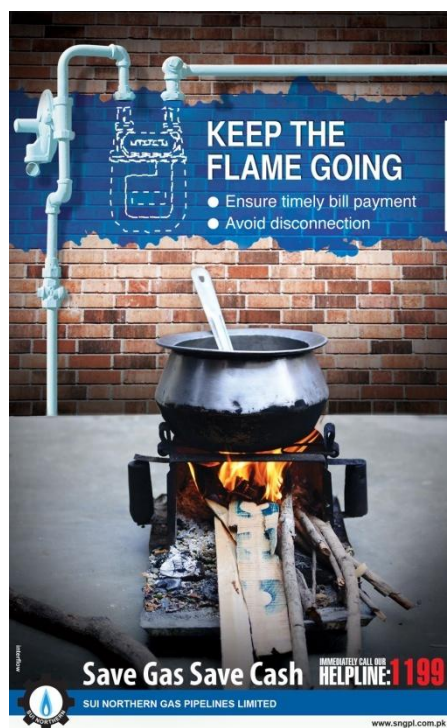
AWARENESS ON GAS CONSERVANCY

Gas conservation is an essential aspect to save depleting resources and for their controlled consumption. It is the responsibility of management and consumers as well to sustain available gas reserves through its efficient use. In this regard Media Affair Department of SNGPL and Corporate Social Responsibility Department of WWF has launched a campaign on 'Gas Conservancy' in the schools of Punjab and KPK for the consecutive second year to educate the younger generation for this very cause. Campaign was launched via; Print media & Video Ads.

The overall objective of this program was to enable students to realize their individual roles and responsibilities in gas conservation and to raise awareness on associated environmental challenges. Activity was conducted among 60,000 students in Punjab & KPK from Oct 014 to June 2015.



Lecture on Gas Conservancy in schools



Seminar on Gas Conservancy

SNGPL in collaboration with WWF-Pakistan conducted an awareness raising seminar on the importance of gas conservation in Lahore on May 2015. More than 400 students participated in seminar and gave their views in the form of interactive presentations on conserving energy.

Mifra Mehmood, Media Coordinator , SNGPL was the guest of honor on the occasion. She also stressed the importance of energy/ resource conservation, specifically of natural gas, and discussed safety measures regarding gas usage. In this ceminar, certificate of appericiation for SNGPL's contribution towards energy conservation was presented to Ms. Mifra.



SAFETY

Each year, Management sets targets for effective implementation of Health, Safety and Environmental System. It has resulted in reducing the number of incidents taking place across the company. The number of Lost Work Day Injuries and Fatalities has reduced during the past few years in comparison to the years before this.

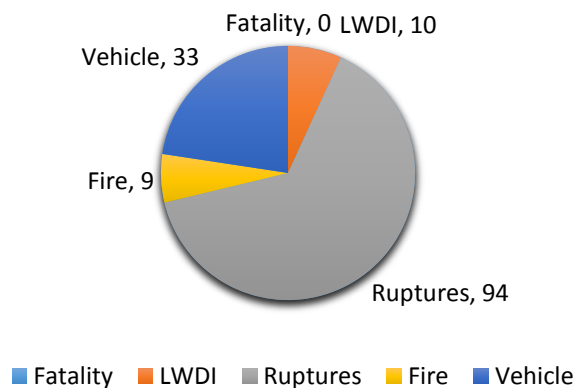
For timely reporting of incident and accidents **online reporting system** is in place. This system has been instrumental in making it easier for employees to report incidents and has greatly reduced the time for reporting. Incident investigations are carried out to control / eliminate the cause of it, to stop it from occurring again.



Trackers/Data Loggers have been installed in Company's vehicles to reduce vehicles related accidents. Driver Safety Report is generated each month and actions are taken against those violators. Safety Booklets, Learning Events, First Aid Booklet have been written (both in English and Urdu) and circulated across the company to raise awareness regarding safety.

A new initiative has been started by HSE Department regarding safety of vehicles. All company vehicles/generators and equipment's are physically inspected on a monthly basis. The vehicles/generators and equipment's passing this inspection are issued Vehicle Fitness Certificates for that month. Those not passing this inspection are stopped from operating until they become fit to operate.

Accidents/ Incidents 2014-15



Safety is a choice...

Not a chance...

CONTRACTORS CONTROL:

SNGPL, in addition to its permanent staff, also hires contractors to perform certain operational activities under its domain. To ensure the safety and well being of contractors and achieving the goal of “ZERO ACCIDENTS” a procedure has been made relating to contractors control.

Contractors control procedure in “Integrated Management System provides guidelines to improve contractor’s health, safety and environmental performance. In light of this procedure the Contractors/suppliers are responsible for performing the work of contracts in conformance with all environmental, health and safety laws and regulations. Focal Point provides the contractors with Contractor HSE Manual to ensure their awareness of SNGPL HSE Management System.

Before starting of work on site SNGPL interviews the contractors on site engineer for awareness and compliance for HSE requirements communicated vide contractor HSE Manual. For major jobs like re-vamps, expansion projects etc., the concerned department makes sure that the training of contractors engineers/supervisors has been conducted.

In order to ensure HSE compliance at Contractors site, Management has approved four levels of penalties against the violators (i.e. Warning, Fine of Rs. 5000/-, Fine of Rs. 20,000/-, Black Listing). It is the responsibility of concerned Executives / Supervisors to strictly monitor the sites of Contractors under their domain for ensuring HSE compliances and penalties.



WORK STOP AUTHORITY:

HSE department has increased focus on contractor’s sites and work stopped authority is also being executed where HSE non-compliance is being observed.

WORK PERMIT AND SAFETY CHECKLIST:

SNGPL is committed to its ZERO ACCIDENT policy and in order to carry out daily activities like repairing, maintenance or construction work in operating areas Work Permit procedure has been implemented to prevent any injury, fire, property damage, material loss or an environmental accident.

Work permit procedure in Integrated Management System includes guideline related to business processes including Hot Work Permit and Cold Work Permit. Also for distribution, transmission and project activities safety checklists relating to their operations have been introduced.



DENGUE AWARENESS CAMPAIGN:

Pakistan has been facing a Dengue Epidemic for the last 5 years. HSE department has been working vigorously in reducing the menace of Dengue ever since.

With a view to promote dengue fever prevention activities; a training session for Logistic Support and Stores department Executives on Dengue Control was organized by HSE department at SNGTI on 18.06.2015.

Worthy Parliamentarian M/s Lubna Faisal (MPA, Member Dengue Control Cabinet Committee Team) graced the occasion and shared her experiences in Dengue eradication campaign. During this interactive session the participants discussed preventive measures in detail with practical examples. The valuable parliamentarian appreciated the efforts of Sui Northern Gas TrainING Institute (SNGTI) in providing the opportunity of interaction with SNGPL executives for the Dengue Campaign.



Many initiatives have been taken by HSE Department in this regard:

1. Dengue Awareness Sessions

A great number of Dengue Awareness Sessions have been conducted by HSE department in the last 12 months.

2. Dengue Prevention Flex

Dengue Awareness Flex has been pasted all across the Company's offices and sites to increase awareness among employees and consumers. Literature regarding Dengue has also been circulated across all Company's Sites.

3. Dengue Surveillance

HSE Department conducts Dengue surveillance of Company's site office, customer care centers etc on regular basis to remove any possible cause which may result in spreading Dengue.

4. Dengue Spray

Spraying of Anti Dengue spray at all sites and offices of SNGPL is being carried out on regular basis.



Prepare and Prevent..
Do not Repair and Repent..

TRAINING AND CAPACITY BUILDING

Training is an important part of HSE Management System. A procedure for Training has been made in the Integrated Management System (IMS) manual to show the importance of it. These training sessions greatly enhance workers knowledge regarding not only HSE but also his job. Mentoring and capacity building plays an important role for the continuous professional development (CPD). These trainings are conducted by SNGPL executives and also includes Out-House trainings also.

Training sessions consist on major six categories;

- HSE Awareness
- Fire Fighting
- First Aid & Occupational Health
- Defensive Driving
- Incident Reporting
- Emergency Preparedness

HEAVY MOBILE/FORK LIFTER TRAINING:

Training session was conducted for heavy vehicle / fork lifter operators at SNGTI. This was concerning SNGPL's goal of Zero Accidents.



Fork lifter operator Training



Training on Firefighting



Crane operator training



Training on road safety

DOPE YARD:

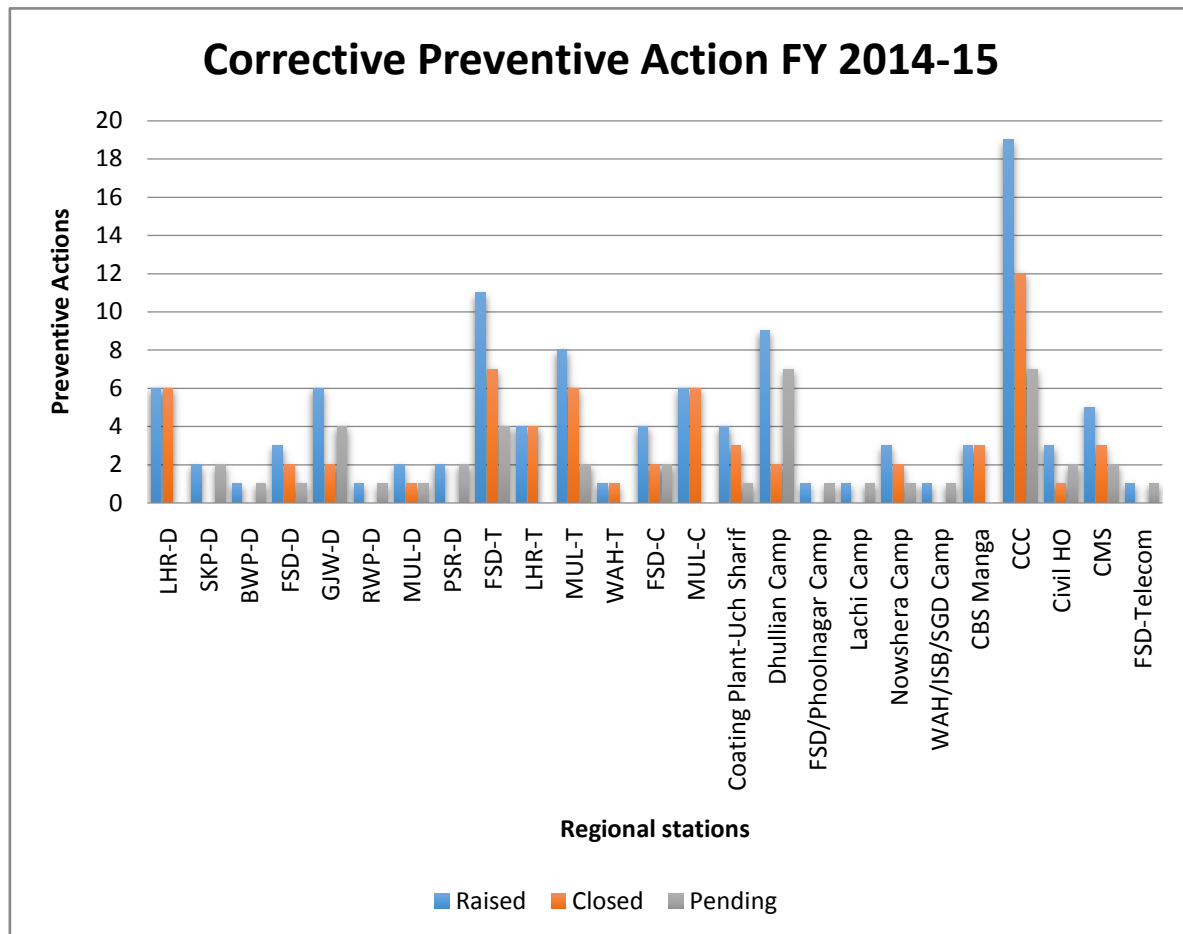
Occupational Health Surveillance of Dope Yard Lahore (coating of pipes area) was carried out by HSE Department to ensure the safety of workers. Up-to date PPE requirement of workers is being met. Workers are provided with Safety Gloves, Respirators to make sure they are not adversely affected by the working conditions.



Training on defensive driving

CORRECTIVE AND PREVENTIVE ACTION:

Any individual can give suggestion for improvement if he/she observes any non-conformance within the SNGPL Integrated Management System by raising a Corrective and Preventive Action. This system has really gone a long way in improving the HSE Management System.





RISK ASSESSMENT:

To reduce operational and potential OH&S hazards risk assessment is performed of sites, areas and departments that can be controlled or influenced.

The HSE Site Committee identifies all potential and operational hazards related to normal operations, routine activities, non-routine activities of sites and departments. Hazards are identified in the following categories but not limited to them :

1. Ergonomic Hazards
2. Mechanical Hazards
3. Electrical Hazards
4. Pressure Hazards
5. Pneumatic Hazards
6. Falling Hazards
7. Biological Hazards
8. Toxic Hazards
9. Explosion Hazards
10. Chemical Hazards
11. Fire Hazards
12. Noise Hazards
13. Vibration Hazards
14. Radiation Hazards



INTERNAL AUDITS:

Internal Audits are conducted bi-annually of all Sites by Trained HSE Auditors to verify the results of the planned HSE activities that complies with HSE requirements. Surprise audits are also conducted if critical deviations / non conformances are observed on specific site. These audits are based on International Standards of ISO 14001:2004 and OHSAS 18001:2007.

13th Surveillance Audit by M/s URS (Certifying Body)

Surveillance Audit (third party audit) is an essential part of Certification to make sure that planned HSE activities demonstrate the effectiveness of the HSE Management System. 13th Surveillance Audit was conducted by M/s URS (Certifying Body) on ISO 14001:2004 & OHSAS 18001:2007 Standards, from 24th to 28th Dec, 2014.

Following sites were audited.

- 1) Coating Plant, Uch Sharif
- 2) Multan Compression
- 3) Multan Transmisison
- 4) Gujranwala Distribution
- 5) Head office



URS Auditor during the viist of Coating plant UCH Sharif



During the Surveillance audit, URS Auditor visited Office blocks, Store, Store Yards, Workshops, Kitchen and Parking area at all sites. URS Auditor also visited AC-VI Multan, as sub site of Multan Compression. Some minor observations were highlighted by the auditor for the betterment of the site, which were addressed on site.

It is pertinent to mention that these sites have been prepared on ISO 14001:2004 & OHSAS 18001:2007 Standards by in house resources & without the engagement of Consultant. Overall Management commitment towards HSE was appreciated by the Auditor.

Safety is not a gadget
But
A state of mind

Emergency Preparedness

SNGPL HSE Management is based on the ISO 14001:2004 & OHSAS 18001:2007 Standards. Emergency Response Procedure is an integral part of Company's HSE Management System.

Preparedness focuses on preparing equipment and procedures for use when a disaster or emergency occurs. Preparedness measures can take many forms including the construction of Shelters, Provision of assembly points, training of the staff, implementation of the Emergency Response procedure, installation of warning devices such as Smoke detectors, and executing Mock drills etc. Planning for all such events is important in order to analyze that in case of any emergency everyone knows about his / her responsibilities. To better prepare employees for emergency situation, mock drills are conducted at site offices.



Emergency Stairs at Head Office Lahore



Awards & Achievements

SNGPL has won various awards in different categories of CSR & HSE. Winners are selected on the basis of company's CSR & HSE activities; Particularly good governance, addressing all key stakeholders, sincerity and ongoing commitment in incorporating ethical values into their business; employee health & safety program; involvement in community related activities and protection of the environment. Companies are being evaluated for their overall CSR & HSE best practices not for one offs or short term projects.





HSE/CSR INITIATIVES:

To show commitment of Management towards Health, Safety and Environment the following initiatives were taken by SNGPL during the last year.

EARTH HOUR:

Earth Hour is a worldwide movement for the planet organized by the World Wide Fund for Nature (WWF). The event is held worldwide annually encouraging individuals, communities, households and businesses to turn off their non-essential lights for one hour, from 8:30 to 9:30 p.m. towards the end of March, as a symbol for their commitment to the planet.

This year SNGPL celebrated Earth Hour on 28th March 2015 in order to show commitment to conserve our Natural resources and to save our Planet Earth, All lights were switched off at 8.30 pm for an hour. HSE Department also circulated a Bulletin in this regard to all executives.

This is definitely a proud moment that we are showing our commitment by reducing Energy consumption and by taking initiatives to save our Planet-Earth

ENVIRONMNET DAY

World Environment Day (WED) is celebrated every year on 5th of June to raise global awareness to take positive environmental action to protect nature and the planet Earth. The theme for 2015 was 'Seven Billion Dreams; One Planet; Consume with Care'. SNGPL celebrated World Environment Day to show its commitment in reducing energy consumption and for betterment of our Planet-Earth.

CELEBRATING EARTH DAY:

SNGPL is committed in reducing its carbon emissions from vehicles/ welding plants and power generators across the company. HSE department is in process of developing a baseline for the reduction of CO2 emissions annually.

Keeping in view the Carbon sequestration, SNGPL has started “Tree Plantation” across the company on continuous basis. In this regards, SNGPL celebrated Earth Day on 22nd April, 2015.



WOMEN DAY:

International Women's Day is a global day celebrating the economic, political and social achievements of women past, present and future. SNGPL always respected women through recruiting a significant percentage of women. Women are working in almost all departments of the company on both executive and subordinate positions. Cake cutting ceremony was held on IWD March 8, 2015 by **Mrs. Uzma Adil Khan Chief Executive/Managing Director.**



Mrs. Uzma Adil Khan Chief Executive on International Women Day 2015



PINK RIBBON DAY:

SNGPL celebrated “Pink Ribbon Day” in collaboration with Pink Ribbon Pakistan at its Corporate Head Office on October 27, 2014. The session was graced by Chief Financial Officer Mrs. Uzma Adil Khan. Mrs. Adil Khan stressed at the importance of breast cancer awareness. She highlighted some precautions necessary to prevent breast cancer. Ms. Sonia from Pink Ribbon shared the salient features of the campaign and highlighted its importance; some of which are as follows:

All women are at risk of breast cancer which increases with growing age. It is the second leading cause of death in females but it is important to mention that it is curable if detected at an earlier stage.



Strength
Courage
Hope

BUDGET DISCLOSURES

No.	Activities	Annual Budget Millions	Annual Budget Allocated Millions
1	Special Grant on chair in University of Engineering and Technology, Lahore	3.32	9.96
	chair in University of Engineering and Technology, Peshawar	3.32	
	Institute of Chemical Engineering and Technology, University of the Punjab (PU), Lahore	3.32	
2	Special Grant on Bio Gas Plant	3.00	3.00
3	Sports Cell	49.77	49.77
4	Cricket	27.3	27.3
5	Miscellaneous	27.3	10
Total CSR		100.03	100.03

