

SEED



SAFE

Weekly

Magazine

EDITOR

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Designed By,

SEED

Safety in LPG

Using a Cylinder – Good Practices:

While Receiving a Cylinder

- ❑ Check that the cylinder has been delivered with the company seal and safety cap intact
- ❑ If you are not sure about usage, please ask the delivery person for a demonstration



While connecting a Full Cylinder:

- ❑ Remove the safety cap from the valve
- ❑ Check the cylinder valve and other joints for any leaks
- ❑ Make sure that
 - The regulator is turned to the "OFF" position
 - All valves on the appliance are closed
 - The connecting pipe to the appliance is correctly fitted
 - The valves are clean and free from debris
- ❑ Put regulator on top of the cylinder valve. Place hand on top of the regulator and push down firmly and vertically until you hear a click.
- ❑ Once the regulator is correctly fitted, turn knob to "ON" position as directed by manufacturer instructions on the regulator.



While Using LPG appliance:

- ❑ Turn the regulator knob to "ON" position
- ❑ Wait and smell for LPG leaks
- ❑ Check for any leaks on the regulator / tube / tube joint / LPG appliance joint.
- ❑ Strike the match first, open the knob and light LPG appliance.
- ❑ After use, close the knob of the LPG appliance.



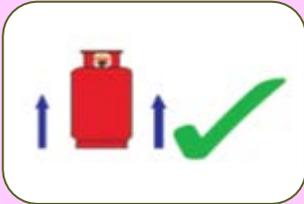


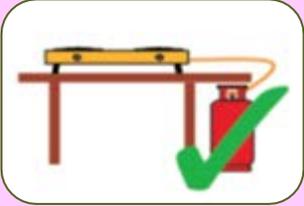
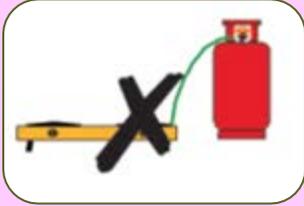
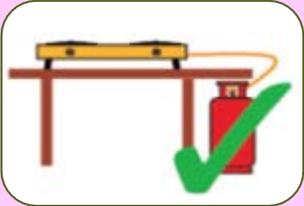
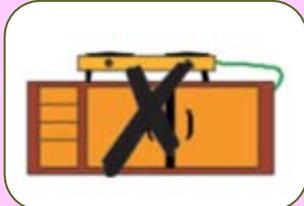
While disconnecting an Empty Cylinder

- ❑ Put off all the flames and fires in the room / kitchen
- ❑ Close all the knobs of the LPG appliance
- ❑ Never disconnect the regulator with the knob in open position
- ❑ Turn the knob of the regulator to "OFF" position
- ❑ Pull the regulator out or pull up the ring and lift the regulator out
- ❑ After disconnecting, replace the safety cap onto the cylinder valve. Press the cap firmly down until a "Click" is heard. Now it is safe to remove the empty cylinder.

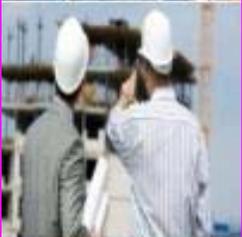
In Case of Leakage:

Safety Tips	Do's
In case of body leakage, take cylinder in open area & vent under controlled conditions.	
In case leakage stop all operations, close all isolation valves – shout & raise alarm / siren	
In case of valve leakage from cylinder, put safety cap and take the cylinder in open space.	

Safety Tips – Do's and Don'ts	Do's	Don'ts
Always keep the cylinder in vertical position with valve on top		

Safety Tips – Do's and Don'ts	Do's	Don'ts
<p>Always install the cylinder at ground level. The LPG appliance should be at a higher level than the cylinder.</p>		
<p>Retain safety cap with nylon thread attached to cylinder. Fix the cap on the valve to stop leak, if any. Fix the safety cap on the valve, when cylinder is not in use.</p>		
<p>Ensure that there is adequate ventilation at floor level and top level</p>		
<p>Always use suraksha tube and it regularly for cracks. Change rubber tube at last once in 18 months</p>		
<p>Do not keep cylinder exposed to sun, rain, dust and heat.</p>		

Electrical Safety with A Special Focus on Thermography & Earthing



Title	Electrical Safety with a Special Focus On Thermography & Earthing
Category	Electrical Safety.
Duration	15 th May 2015. Time: 9.30 am to 4.00 pm.
Location	SEED Training Hall – Camproad, chennai.
Fees	Rs.1250 + Tax, Per Participant

Mode of Language : English & Tamil

Course objectives : This course will cover all Electrical Safety with a Special Focus On Thermography & Earthing

Who should attend? : Maintenance, Production & Safety etc.

WHAT WILL YOU LEARN?	WHO WILL TEACH?
<ol style="list-style-type: none"> 1. Why Safety 2. Hazards of Electricity 3. Earthing Systems Safety And Risk Assessment 4. Arc Flash Hazard Analysis And Mitigation 5. Safety Procedures and Methods 6. Lock Out Tag Out (LOTO) 7. Review of General Work and Plant Safety Rules 8. Regulatory and Legal Safety Requirements and Standards 9. Safety Requirements for Special Equipment 10. About Thermography 11. Thermography Demonstration 12. About Earthing 	<p>Expert From Industries</p>

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Accident Case Study

Three killed in German potash mine accident

Incident:

- Place : Germany
- Date : 01/10/2013
- 3 miners were killed and four miners were trapped
- K+S Potash operates six mines in Germany, producing salt for the agricultural, healthcare and food industries

CO₂

Emergency Overview:

- Colourless gas
- Odourless
- Will not burn
- COMPRESSED GAS
- Contains refrigerated gas
- May explode if heated



CONFINED SPACE HAZARD:

Can accumulate in hazardous amounts in low-lying areas especially inside confined spaces

ASPHYXIANT:

High concentrations can displace oxygen in air and cause suffocation. May cause frostbite.

Causes:

- The blast caused a major carbon dioxide leak, poisoning the air of a 700 meter deep shaft
- A carbon dioxide leak occurred to an extent we did not expect after an explosion, and this led to the people dying

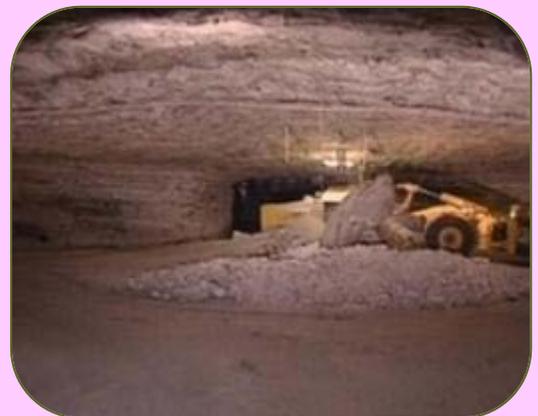
- No wear PPE
- Careless

Consequences:

- 3 miners were killed
- Initially seven miners were trapped underground
- An emergency crew was able to rescue four of them, two of whom remained under medical care
- Having a carbon dioxide leak is an everyday occurrence
- After the explosions, we carry out checks to see how much carbon dioxide is in the mine.
- This was the actual job of these employees, and they were then surprised by the occurrence of CO₂ on the site

Prevent control:

- Emergency safe place
- To wear PPE
- Emergency response
- Risk assessment
- Use local exhaust ventilation
- Proper check the air level
- To enter the mines safety measure are folloed



Frequently Asked Questions In Safety

Q. 1. Maximum length of load that can be projected from the rear part of a goods carriage

- 150 cm
- 100 cm
- 120 cm

ANS: 2

Q. 2. Maximum permissible speed of heavy motor vehicles in the cities

- 35 Km/hr
- 45 Km/hr
- 60 Km/hr

ANS: 2

Q. 3. Maximum distance allowed between towing and towed vehicles

- 15 meters
- 5 meters
- 10 meters

ANS: 2

Q. 4. Maximum permissible speed of a motor cycle in cities

- 40 km/hour
- 30 km/hour
- 50 km/hour

ANS: 1

Q. 5. You are driving on a two-lane street, vehicle in front of you is moving very slowly and the road ahead is clear for overtaking, you should –

- Pass the vehicle from the left hand side.
- Pass the vehicle from the right hand side.
- Pass the vehicle from any convenient side.

ANS: 1

Tool Box of the Week

IS SUGAR THE NEW TOBACCO?

That surprising notion – from the statement of a British health expert - was the lead story splashed across the front page of the British tabloid theDaily Mail, on January 8. The eye-catching headline heralded a new global campaign to stem the epidemics of obesity and type 2 diabetes.

The strategy begins by heightening public awareness of the amount of sugar hidden in processed food and drinks and inducing producers to slash the amount of added sugar in their products by 20 to 30 per cent within three to five years.



That reduction would eliminate 100 calories a day from the typical diet, enough to halt or even reverse rising levels of obesity, type 2 diabetes, metabolic syndrome, fatty liver and even cardiovascular disease and associated ill-health, according to Action on Sugar, the group spearheading the campaign.

The amount of sugar hidden in processed foods and drinks amounts to a “public health hazard,” according to Action on Sugar’s scientific director.

Sugar's negative impact on health is often cumulative, and virtually all Americans consume far too much - about 64 pounds per person per year, according to a U.S. Department of Agriculture survey.



Awareness is the key to changing behaviors, and prompting consumers to read labels may quickly convince them to seek products without added sugar. The best way to satisfy a sweet tooth is with foods in which the sugar naturally present is part of a whole food, such as in fresh or dried fruit, because the sugars are bound in a matrix of fiber that slows digestion and limits rapid increases in blood glucose. I applaud Action on Sugar and its

Quiz of the Week

Q1. Turn the regulator knob to _____ position

Q2. In case of valve leakage from cylinder , put safety cap and take the cylinder in open space.
True / False.

Q3. Always keep the cylinder in vertical position with valve on _____

Send your answers at support@seedforsafety.com

Winner will be awarded with a cash prize of Rs.500.If more than one person answers the quiz correctly, then winner will be selected based on random pick up by the selection committee.

Winner of the last week: Mr. Deepak -Hosur

Safety Vacancy

Position : *Safety Officer*

Client : *MNC*

Experience : *B.E / ME & Diploma with RLI Industril Safety*

Mail at : support@seedforsafety.com

Feed Back

Thank you Kannan for sharing the weekly news magazine.

It was great to see the contents covered in the weekly magazine is excellent. It was great to see not only Safety but also do develop attitude towards Positive and negative thoughts, Road Safety and also for family.

Well done. Keep sharing am also sharing the same to my Employees.

Thank you once again to TEAM SEED.

Rajan Babu.A

GeneralManager-HR& Operations

NSK-ABC Bearings Ltd. (NABI)

SEED Activities



SEED SERVICES

- ❖ *Safety Training*
- ❖ *Competency Certificate*
- ❖ *Safety Audits*
- ❖ *HSE Consultation*
- ❖ *HSE Posters*
- ❖ *Safety Multi Skill (SMS) Practical Training*
- ❖ *Customized Accident Prevention Audit (CAPA)*
- ❖ *Safety Officer / Supervisor / Steward Deputation*
- ❖ *Environmental Services*
- ❖ *Safety Management Systems (SMS)*
- ❖ *Fire Detection & Protection*
- ❖ *Personal Protective Equipment*
- ❖ *Accident Investigation*
- ❖ *Safety Videos & Safety E Learning Package*
- ❖ *CSR Activities on and Behalf of the Corporate.*

Be Grateful...



Get in touch with....

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