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Dear Reader,

You will be pleased to know that we have inaugurated our new LPG Filling Plant in Rohtak, Haryana as an initiative to be closer to the customers. This new facility is equipped with modern equipments and safety system and will serve our customers efficiently.

This issue of the **SUPER Gas** Connects covers Global Oil and Gas Market news, Glimpses of Inauguration of Rohtak LPG filling plant, Safety Awareness Programs conducted during National Safety Day, new service offering to our customers and many more.

If you have any suggestions/ feedback, please write to us at connect@supergas.com.

Happy Reading.

Kind Regards,

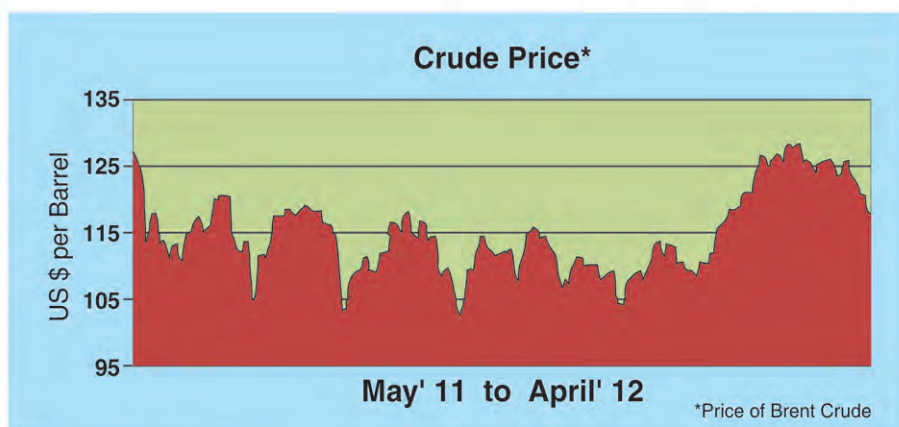
Marketing Team
SHV India

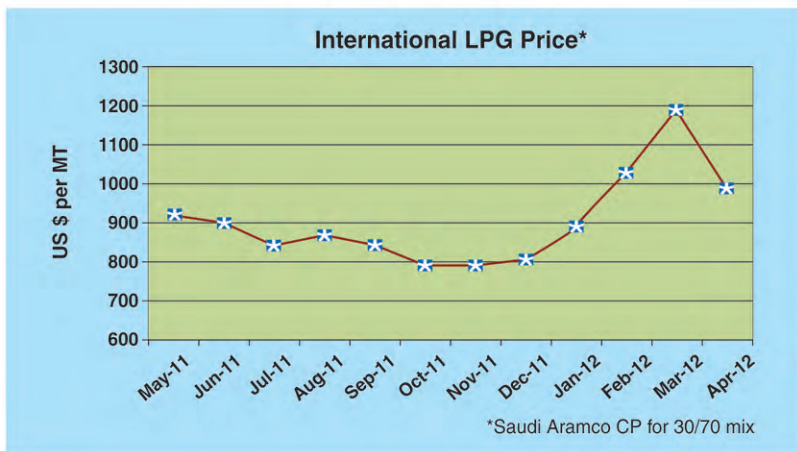
The Crude Oil price has surged in the global markets in the last six months. It has gone up from US \$ 103 per barrel in October 2011 to US \$ 128 per barrel in first week of March 2012 and maintained the price for two week continuously. The unrest in the oil producing region has calmed down and oil is currently trading at US \$ 118 per barrel. This volatility is highly due to the market forces and Demand Supply issues. It is widely believed that oil prices cannot escalate from the current levels without creating any economic damage to oil importing economies of the world. There would be a natural cap on further oil price gains in

Your Energy Feed

the absence of any geo political event especially in emerging economies and countries like Spain and Italy. On a contrary, the crude oil prices may go up a bit on improved demand and tight supplies that will be unsustainable and hence will act as a balancing mechanism.

The International LPG price has been very volatile in last quarter. The price is moved from US \$ 892/MT in January 2012 to a record high of US \$ 1195/MT in March 2012. The experts are of the opinion that the surge is due to the severe winter demand and spot supplies constraints. Now with demand coming





down and more supplies coming from the region, the prices had started falling down drastically and the prices in May are expected to be lower than last year's levels. As winter demand is over and also considering the fact that no supply issues are anticipated, the possibility of increase in price from the current levels at least for the short term is ruled out. However the volatility of Indian Rupee vs US Dollar will have an impact on Indian local prices.

Safety Awareness Week



Safety Mock Drill, Porbandar Terminal Gujarat



Safety Training for School Children Ahmedabad



Safety Mock Drill at Customer Premises Hyderabad



Class Room Training to Customer Sivakasi, Chennai



Safety Training for Household, Babra Gujarat



Fire Fighting Training, Agra Filling Plant

New LPG Filling Plant Inauguration



Inaugurated by

Mr. Bhupinder Singh Hooda Hon'ble Chief Minister of Haryana in IMT Rohtak on 23rd April, 2012.



In Focus

New Service Offering - Flue Gas Analysis

Today's environment has to deal with larger concentrations of pollutants due to the use of all types of fossil fuels. The path to environment friendly energy production is to reduce the emission of pollutants, which is only possible when the existing combustion system is working in optimum range of the fuel. Flue gas analysis or a flue gas analyzer enables to measure the concentrations of the pollutants present in the emissions and helps to adjust the burners for optimum combustion.

Combustion is the act or process of burning fuel and oxygen (air) to produce heat and light. When fuels are burnt certain gases of combustion are produced, these gases of combustion are called "Heating Gases". Heating gases will transfer its heat to absorbing surfaces like Chimney. These gases are called Flue gases.

Combustion is the rapid oxidation of fuel that results in heat & light (Eg: LPG)

$1\text{ kg } (\text{C}_3\text{H}_8 + \text{C}_4\text{H}_{10}) + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O} + 10900 \text{ Kcal}$

Flue gas analysis

A Flue gas analyzer measures the pollutants of flue gases vented in factories and industries. Place the probe of the flue gas analyzer in the stud opening of chimney to measure the concentrations of Oxygen (O₂), Carbon Monoxide (CO), Carbon Dioxide (CO₂), Oxides of Sulphur (SO_x), Oxides of Nitrogen (NO_x) and flue gas temperature.

The appropriate concentration levels of gases dependent on the fuel consumption of the burner. The higher the consumption, the more important it is to optimize the process. Fuel consumption will be effected by a number of factors that can be measured with a flue gas analyzer. The air/fuel ratio is an obvious parameter, collectively with the excess air and pressure drop in the stack. The carbon monoxide and excess air produced along with few other factors decides the efficiency of the combustion system.

Typically, improper mix of fuel/air results in

incomplete combustion. Heat is wasted due to the presence of excess air and harmful NO_x emissions are vented into the atmosphere. As per PCRA, reduction of every 10% excess air will lead to fuel savings of approximately 1% to 2%. However, precautions should be taken that ambient air is not mixed/diluted with the flue gases in the entire combustion loop, where results may go erratic. Hence a closed loop combustion system is suggested for performing flue gas analysis. Experts consider three or four checks a year is an acceptable level of testing.

For flue gas analysis in your factory or Industry, please send us the enquiry on shv@supergas.com or SMS 'SUPERGAS' to 56070.



Sharing Success

Good Luck Steel: Quality is the Mantra for Success

Good Luck Group a manufacturer and exporter of wide range of ERW Hot Dip Galvanized Pipes, Black Pipes, ERW Precision Tubes, and Forged Flanges were established two decades ago. With its innovative and progressive approach, the group today is one of the leading and fastest business groups in steel Industry. Following are the excerpts from a discussion with Mr. M.C. Garg, CMD, Good Luck Steel Tubes Limited.

Good Luck Steels has been in India for more than two decades now. How has the company's journey been so far?

It gives me sense of fulfillment that today

Good Luck Steel is known as renowned manufacturer and exporter of precision engineered range of cold drawn welded tubes and precision tubes in India. The journey was extremely challenging, however, with the team of dedicated professionals, with the commitment to excel in the quality and highly focused R&D made it satisfactory. Despite of tough competition, we have been making profits since inception. At Good Luck Steels, we believe in long term relation with our customers, business partners and always keep our eyes open for innovation and quality improvements. We believe to achieve many milestones in future and to

continue this successful journey.

What are the strengths which gives you the competitive advantage in the market place?

Diversifying into the new value added products, upgrading the product mix and continuous reshuffle of markets with innovation are our strengths which gives us the competitive advantage in the market place. Likewise, the hard work, dedication and team work of our employees are our biggest strength.

Where do you see Good Luck Steels in India 5 years from now?

With our vast experience, we wish to



continue the success story in future as well. The company has very ambitious plan in India, we are planning to set up a large cold rolling steel plant in Gujarat. Further to make ourselves self sufficient in terms of raw material, the company has plans for backward integration through acquisition of iron ore mines and setting up a mini steel plant. We are also planning to acquire other steel industries and maximize our presence in the steel segment.

What are the developments you see ahead in Steel Industry?

India, China and other developing countries experiencing demand growth in steel sector. This growth is due to the production increase, primarily, in Construction and Automotive sectors. Capacity utilization rates have raised in

recent months and expected to continue in near future. Production will continue to grow in developing economies, particularly in the BRIC countries. Cost-competitive producers will continue to drive the future of the industry, irrespective of the location of production.

Good Luck Steels has been associated with SUPER Gas for last 5 Years. What has been your experience with this relationship?

At Good Luck Steel we always believe in long term, mutually beneficial and sustainable relationship with our customers and vendors. We feel all our vendors as our business partners, our association with SUPER Gas is very satisfactory and we are delighted with the technical services, timely delivery and

customized Energy Solution provided to us. Personal attention and focus on safety are the strength of SUPER Gas. We will be more than happy to extend this association in our others units as well.



Mr. M.C. Garg, CMD
Good Luck Steel Tubes Limited.

From the Archive



February 1968

A familiar scene: As soon as the temperature starts to drop our customers start to phone. Our photographer snapped this shot during once of those 'everybody wants a delivery' days at a Calpam depot in Kruisland.

Things You Should Know About LPG

1. Always put safety caps on filled cylinder valves to prevent dirt from entering valve.
2. Use water to check the leak. When bubbles are produced, it means that there's a leak.
3. Don't strike a match or use an open flame to test for leaks.
4. First strike a match stick and hold burning match stick about one-half inch from burner then turn on knob of the LPG cylinder.
5. When turning off the gas, make sure to close the knob completely.

Disclaimer: Information featured herein is for informative purpose only, hence no liability is assumed

Contact

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SUPER Gas
WORLD'S No.1 LPG COMPANY