CNG Cylinders- Handy as Fuel in Todayâ€™s World

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Article published on December 15th 2011 | Business

The requirement of fuel is unlimited in our daily life. There are different types of fuels that are used CNG gas being just one of them. CNG is compressed natural gas which can be used as fuel as a substitute for diesel, petrol and LPG. This gas is better compared to all these fuels as the environmental effect is lesser and it is safer too. This gas is lighter than the air and thus even when it is released it spreads easily. It can be combined with biogas which is made from wastewater and those CNG cylinders do not increase the amount of carbon in the air.

CNG cylinders are best for high- tech works, transportation and Industries. Especially in transportation, cng is used most extensively in countries all over the world place quite strongly. Today there are more than 4 million vehicles running through CNG with more than 7500 feeding stations. It is used in different countries as a low cost fuel. It generally stores gas at 3,600 psi at 70ÂºF but the temperature goes up and down with the change in the pressure.

When talking about the design of the cng cylinder or for the fuel tanks there are four types of designs available in the market. All these designs are made keeping into mind the safety and different types of application in different fields. The cost of the cylinders also differs. The cylinders can be affected by different conditions such as extra pressure, multiple filling and being exposed to road environment. That is why there is a pressure release device for thermal protection. On all the tanks are tested before being delivered to ensure maximum security..

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Article Keywords:
cng, cng cylinder

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