



*Decolour, Deodorize,  
Desulphurize, Activated Carbon  
does them all, in Oil and Gas.*



Vision Advance Speciality Carbons

**Purity with Reliability**






# Petro Chemical Industry

## A Big Ocean of Oil and Gases

Vas Carbons set up its fully functional state-of-the-art manufacturing facility at Karnataka, India to manufacture high grade Activated Carbon from superior quality coconut shells. The coconut shell based activated carbon in petrochemical industry is set to see a prolific growth in the future. This is possible due to the reduction in carbon emissions with the use of Coconut Shell based Activated Carbon.



## Applications in Oil and Gas Industry

-  Desulphurization: Removes excess sulphur from the methane stream protecting engines from corrosion.
-  Shell based Activated Carbon is used to purify amine and glycol solutions. These amine and glycol solutions are used in gas scrubber liquids to remove sour gases and water vapour from natural gas, which sweetens the gas and helps in preventing corrosion.
-  Removes traces of lubrication oil in the airstreams of compressor parts, Volatile Organic Compounds (VOCs) and traces of mercury found in natural gas reserves.
-  Our Activated Carbon provides more volume of storage of gases due to its porous nature. These can be seen in aerosol propellants, carbonated drink cans, oxygen cans etc.
-  It is widely used in decolouration and deodorization of oil.

## PETRO CHEMICAL



Application	Petro Chemical			
Grade	VAS P 12x40	VAS P 12x30	VAS P 8x30	VAS P 30x60
Wash	Acid Wash	Acid Wash	Water Wash	Water Wash
Particle Size (US Mesh)	12x40	12x30	8x30	30x60
CTC Activity (%)	45 - 65	45 - 65	45 - 65	45 - 65
Iodine	800 - 1300	800 - 1300	800 - 1300	800 - 1300
Apparent Density (gm/cc)	0.43 - 0.53	0.43 - 0.53	0.43 - 0.53	0.43 - 0.53
Moisture(%)	4	4	4	4
Ash (%)	1	1	1	1
PH	6-8	6-8	6-8	6-8



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