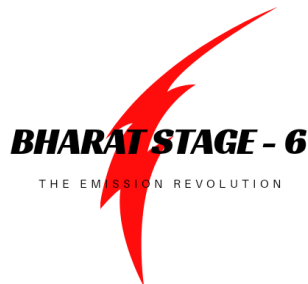




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01: NEWS FROM HQ



What is BS-6 ?

Bharat stage-6 or BS-6 are Indian emission norms based on Euro-6 norms. These norms focus particularly on reduction of Particulate Material (PM) and Oxides of Nitrogen (NOx) from the automobile emissions. It focuses on the levels of carbon monoxide (CO) and Hydrocarbons (HC) generated. These engines focus on improving the quality of fuel by **reducing its Sulphur content**. Secondly, an upgrade to the existing technologies in vehicles effectively utilizes this fuel and reduces the emissions, it **reduces Particulate Matter** by 80 percent. It also reduces the NOx emissions from petrol engines by 80% and from Diesel engines by 70%.

BS-6 Grade Fuel

BS-6 grade fuel is one of the cleanest fuels available in the world. This fuel will have 5-fold lesser Sulphur content than the BS-4 grade fuel. The BS-4 grade fuel consists of 50 parts per million of Sulphur which would be further reduced to the level of 10 ppm in BS-6 grade fuel. The combustion of Sulphur produces sulfur oxides and sulfides. The oxides combine with water vapour present in air and form sulfuric acid. This causes acid rains. The sulfides are released in atmosphere as particulate material. Hence the reduction of sulfur content of fuel will reduce the level of particulate material as well as sulfur oxides in the exhaust gases. But to reduce the sulfur content from fuel the oil companies have to invest in technological advancements , which may increase cost of BS-6 fuel marginally.

Technology Changes In Diesel Engines

As per the Bharat Stage-6 norms, the NOx emissions from a diesel engine are to be reduced by 70% and PM by 80%. To achieve this, the engines are equipped with Euro-6 compliant technologies. Two major technical changes associated with this are:

1. Fitting Diesel Pre-Filters in exhaust systems.
2. Using Selective Catalytic Reduction (SCR) or Exhaust Gas Recirculation techniques to reduce NOx in emissions.

02: EVENTS AT KAM-AVIDA

What is a sure-shot sign that a customer is happy and satisfied with your products and services?

A Repeat Order!

Tata Projects just presented us with yet another Order for their Project at Karnal.

Psst! Did we tell you that Kam-Avida is a **Tata Group registered Vendor!**



TATA PROJECTS



Presenting India's first ever Side End Loading Compactor – the **KAMPAC SEL.**

Mounted on BS VI chassis, gear up to collect municipal solid waste right from kerb side of the street without the inconvenience of reversing.

For more information check out our website...

Starting July, all of at Kam-Avida are going to be using the ZOHO Corporation ERP System company- wide. What will that mean for all our customers, vendors, stakeholders?

Better systems, processes, and easy access to data and information. Our wishlist includes a customer portal for quick viewing of customer order status, vendor & supplier management with an intranet for better work flows.

We're excited and look forward to serving you all better!



03: MACHINE COMMISSIONING

Bilaspur Nagar Nigam recently procured a 9000 Liter Suction cum Jetting machine and a 500 Liter capacity Mini Jetter and put it to great use. They used these machines to sanitize public infrastructure and street furniture in these trying and testing times of COVID-19 as well as for doing Planned Preventive Maintenance.



Jagdalpur Nagar Nigam equipment was commissioned at the Bus Stand Road, Jagdalpur, Chattisgarh by our Service Engineer in the presence of the Executive Engineer – Shri S B Sharma-ji on the 10th of June 2020. The customer was extremely satisfied with the performance of the machine and the training conducted.





Vedant Enviro performs a Pooja for the long life and success of their latest - KAMSWEEP 3 AT, tractor towed Kam-Avida make sweeping machine.



The commissioning of our 14 cum capacity Rear End Loading – KAMPAC REL 14 UBL at **Jindal Steel Works** in Bellary, Karnataka.