



UK Engineering Projects

Expertise in Environmental Control

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ABOUT US

- UK Engineering Projects is in the business of protecting environment & Human Beings by developing pollution control systems.
- We offer sustainable turnkey solutions in fields of foundry & steel , chemicals , food processing & cement ,fertilizers & oil & gas plants, hotels & malls, conference halls & auditorium etc.

- Today in time based competition, with strong foundation of project management capabilities backed by Design & Manufacturing facilities company become competitive world over.
- UK Engineering Projects is into the “Electro-Mechanical design Engineering and Construction Company” since 2003.
- We focus on “Right First Time” quality concept for result oriented work. Our plan is to assure quality as customer’s requirements through International Standard practice.

Our Product's

A. AIR POLLUTION CONTROL SYSTEMS

- 1) Fume Extraction Systems
- 2) Fume Scrubbing Systems
- 3) Dust Collection System
- 4) Flue gas Desulphurization system(FGD)

B. VENTILATION SYSTEMS

- 1) Exhaust Systems
- 2) Fresh Air Supply
- 3) Clean Room as per US-Federal Standard 209-D

C. MATERIAL HANDLING SYSTEMS

- 1) Pneumatic / Vacuum Conveying Systems
- 2) Mixing & Blending Systems
- 3) Silo Fluidizing & Unloading Systems

DUST COLLECTION SYSTEM'S

Tata Motors Ltd., Maval Foundry



Mahindra Forging Ltd., Pune

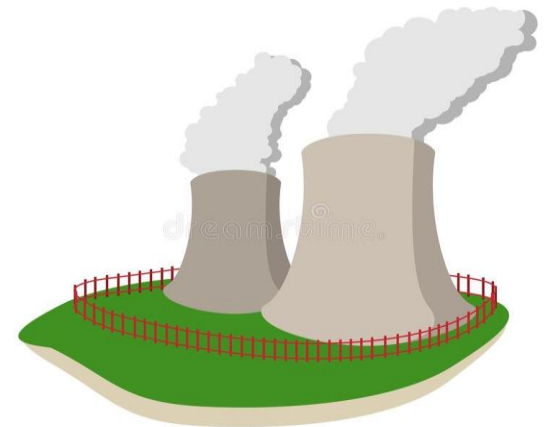


Flue gas Desulphurization (FGD)

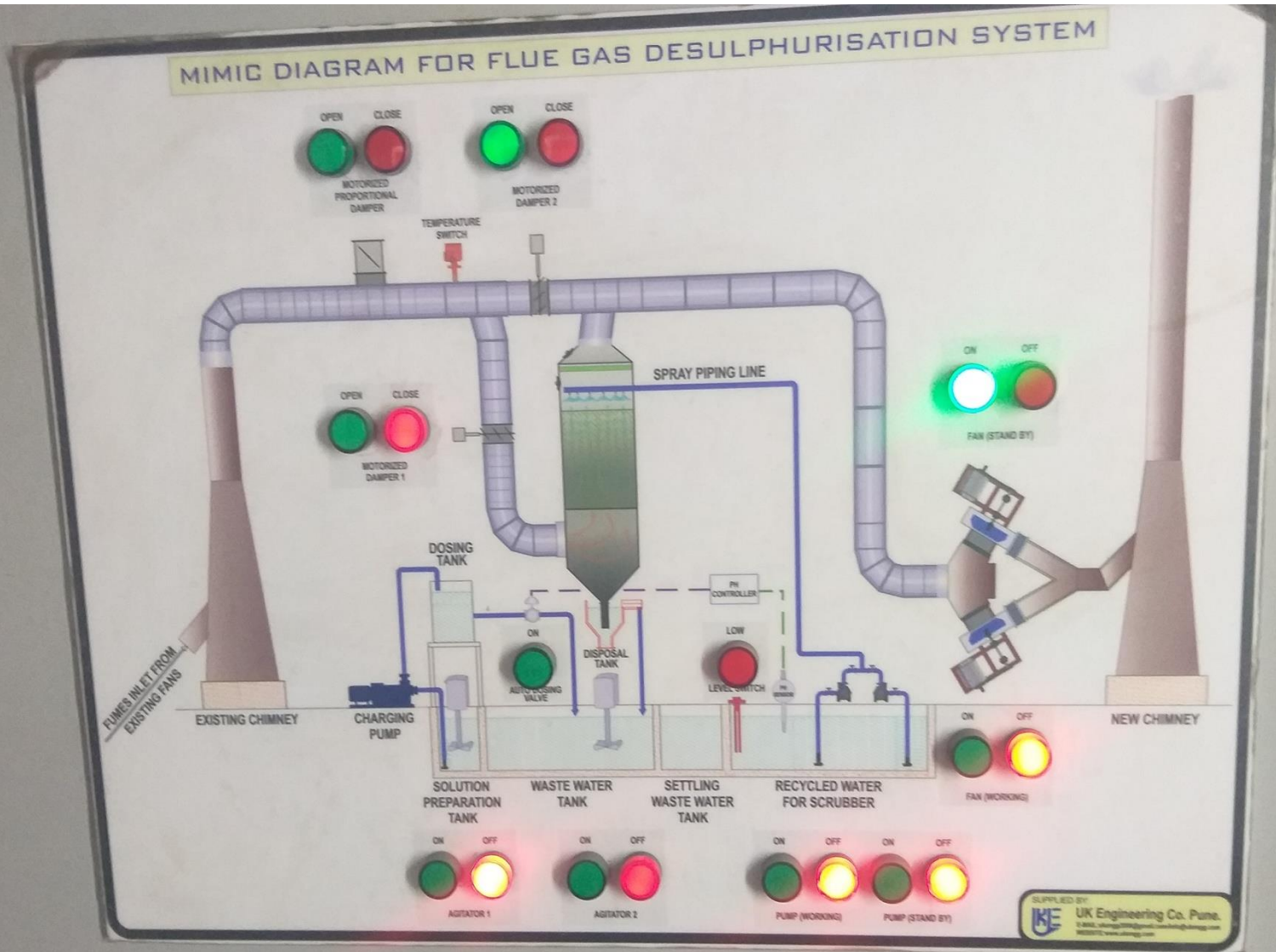
FGD

Flue gas is the gas containing Harmful components such as SO_2 and NO_x which are coming from the outlet of furnace, boiler or steam generator.

FGD is the set of technologies used to remove Sulphur dioxide (SO_2) and Nitrous oxide (NO_x) from exhaust flue gases of fossil-fuel, power plant and from other emissions.



Mimic Diagram for FGD



System Installation on site

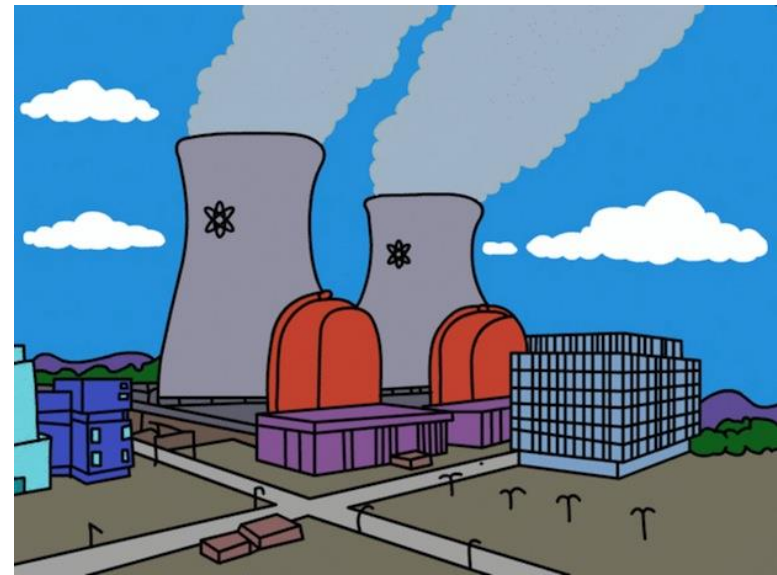


FGD

How does it work?

Wet scrubbing using a slurry of alkaline sorbent, usually lime (CaO) to scrub gases.

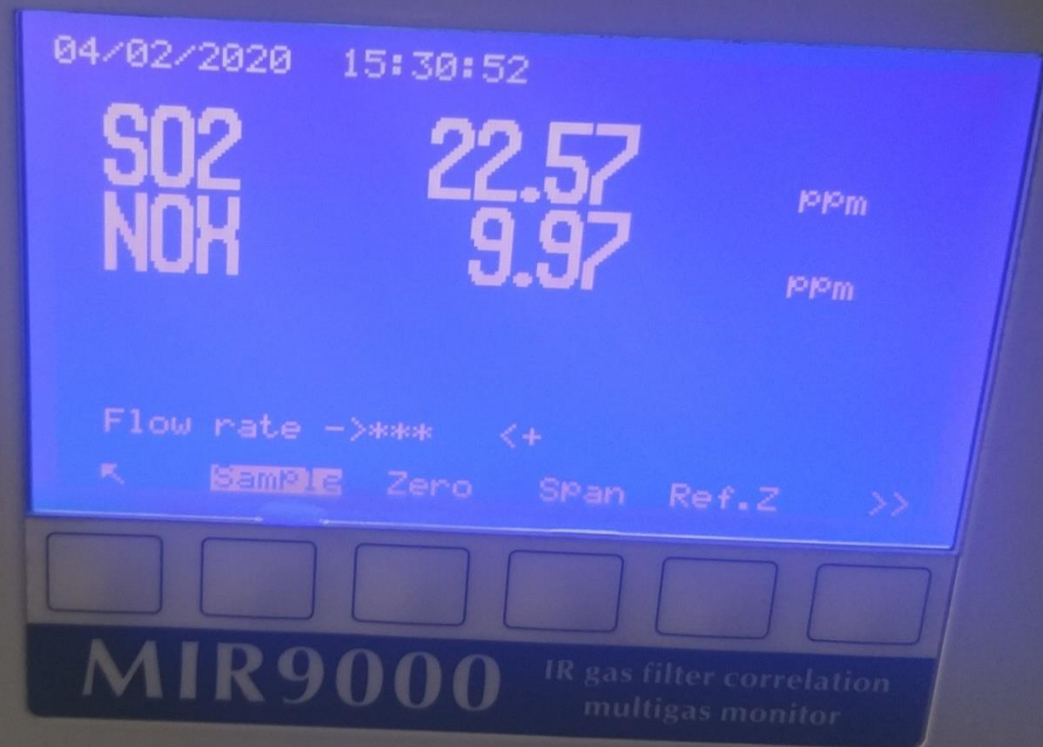
FGD removes sulphur dioxide, Nitrogen dioxide and particles from flue gases.



Neutralizing the acidic water coming from Scrubber.



Reading of Particles of SO₂ and No_x After FGD System installation



Advantages of FGD

1. High SO_2 removal efficiencies from 50% upto 98%.
2. Inexpensive and readily available reagent.
3. Product of reaction may be reusable

Satisfied Customer's List

1. Tata Motors Ltd., Maval Foundry
2. Tata Motors Ltd., Chinchwad Foundry
3. Kores India Ltd.
4. Apollo Tyres Ltd., Ranjangaon Pune
5. Bharat Forge Ltd., Pune
6. Kalyani Forge Ltd., Pune
7. Enkei Cast Alloys Ltd, Pune
8. Supreme Industries Ltd, Jalgaon.
9. Kalyani Thermal Systems Ltd., Pune
10. Mahindra Forging Ltd., Pune

11. United Phosphorous Ltd., Ankleshwar
12. Kores India Ltd.Chakan
13. Shrinivas Foundry, Talegaon
14. Supercraft foundry, Miraj
15. Atharva Foundry, Wai
16. Ghatge Patil Foundry Ltd.,Kolhapur
17. Shriram Foundry, Kolhapur
18. Gujrat Reclaim Rubber Products Ltd.,
Panoli, Gujrat
19. Gujrat Reclaim Rubber Products Ltd., Solapur
20. Gujrat Reclaim Rubber Products
Ltd., Tamilnadu
21. RSPL Ltd.Indore

Supreme Industries Ltd., Jalgaon.



SGL Carbon Ltd., Hinjwadi



SGL Carbon Ltd., Hinjwadi



Jagadish Iron Pvt. Ltd.



Gujrat Reclaim Rubber Products Ltd., Solapur



Mineral Pulverizing Mills P.Ltd.,



Shriram Foundry



Super-craft foundry, Miraj



Garg Iron Pvt. Ltd.



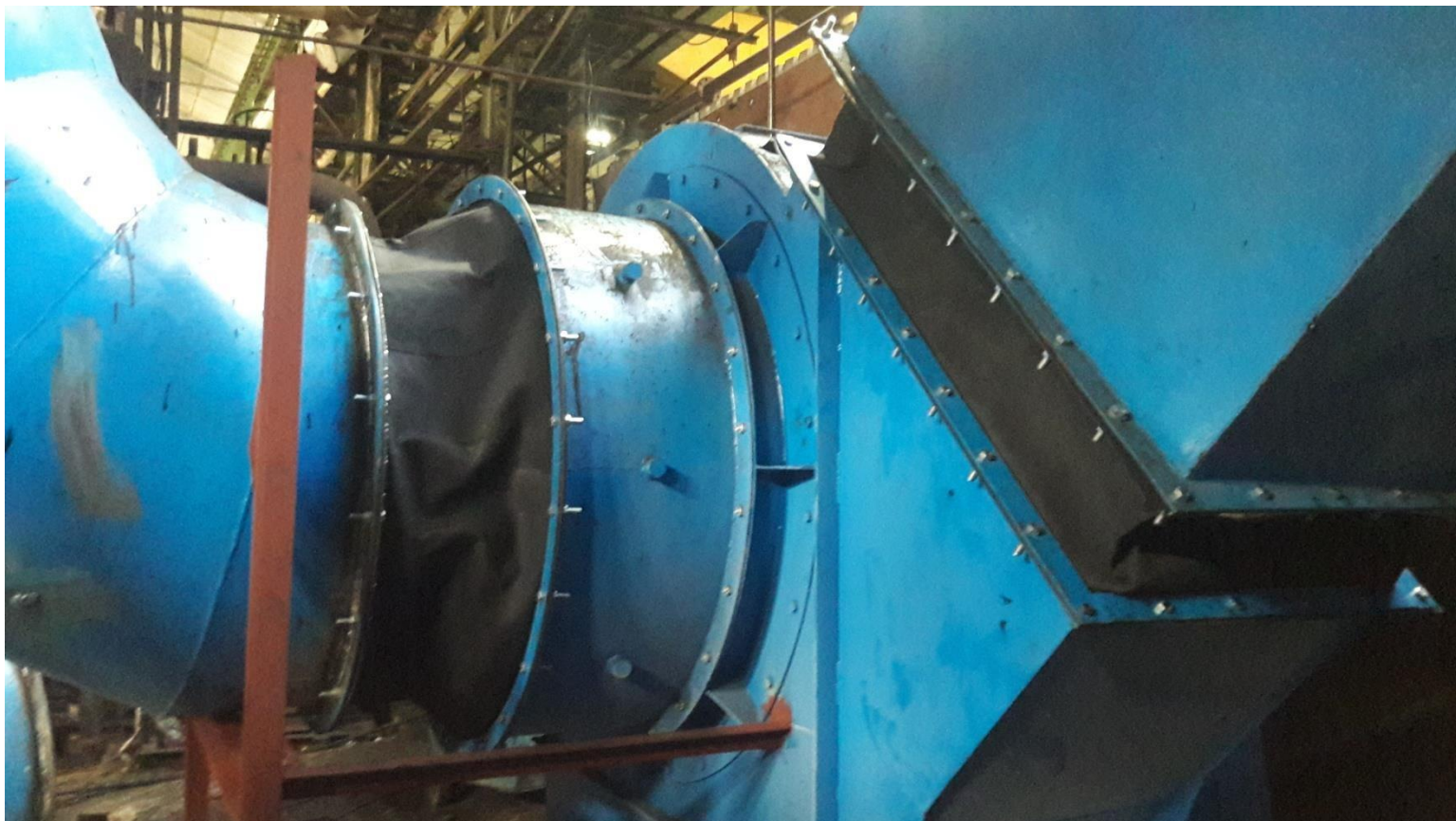
FUME SCRUBBIN G SYSTEM'S

BHARAT FORGE LTD

(HAMMER FUME EXTRACTION SYSTEM)









Gujrat Reclaim Rubber Ltd., Tamilnadu



Bharat Forge Ltd., Pune



Schindler India Pvt. Ltd. , Pune



Kalyani Thermal Systems Ltd., Pune



Endurance Technologies Pvt. Ltd.



AIR VENTILATION SYSTEMS

Morde Foods , Pune



THANK YOU