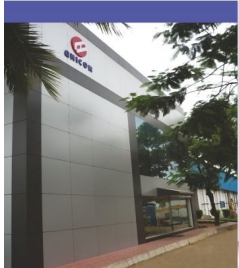


# SPARES

With our Re-Engineering Background, we enjoy an enviable strength when supply of spares is concerned. This further enables us to meet short delivery requirements with ease. Customer has been the focus of all our activities and Customer Satisfaction has been the driving force for our performance.

## Spares for Electrostatic Precipitator (ESP)



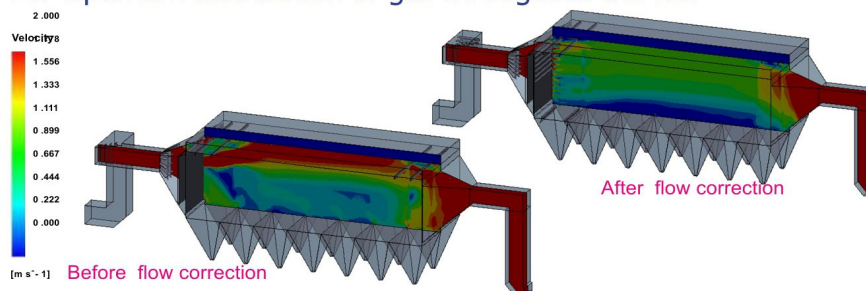


# SPARES

Contd...

## Computerised Fluid Dynamic (CFD) of ESP (Electrostatic Precipitator)

For Optimum distribution of gas throughout the ESP



### Why CFD :

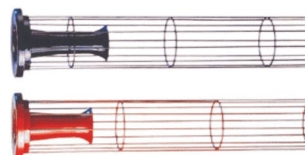
1. Reduce the shutdown time.
2. Accurate flow of gas.
3. Improve the performance of ESP
4. Meet the emission legislation by increasing equipment collection efficiency.
5. Drive down the operational cost with improved quality.
6. Cost Effectiveness.

We are equipped with Computerised Fluid Dynamics Software using which we are able to simulate the entire system. We can analyse the flow pattern, introduce flow correction devices wherever required and study their effects on the distribution inside the ESP. We could with the help of this software and the experience in Gas distribution requirements for ESP, arrive at the optimum flow correction devices. Carrying out GD test and obtaining required flow distribution inside the ESP chamber and across the various gas paths/chambers is very tedious and time consuming. Hence the CFD is an excellent tool for the purpose.

## Spares for Bag Filter



Filter Bags  
with all Fabrics



Bag Cages with MOC SS & MS  
Venturies with MOC Aluminium & MS



Header Assembly  
for Bag Filters



Solonoid Valves &  
Sequential Timers

## Spares for Pneumatic Conveying / Ash Handling Systems



Expansion Bellows



Inlet Valves



Transmitter Vessel  
- Casting



Transmitter Vessel  
- Fabricated



Basalt Bend



Butterfly Valves &  
Knife edge Valves

**UNICON** have in house design and engineering department with engineers having experiences more than two decades in the field of pollution control equipments. Our service include design in various areas like Mechanical, Electrical & instrumentation. We equipped with design software's like AUTOCAD 2010, PRO-E, ANSYS, SOLID WORKS with CFD software and CATIA

**UNICON** have the expertise to manufacture and supply of Pollution control equipments and its spares entirely defect-free with guarantee. Well-qualified engineers and technicians handling the operations, ensure defect-free product with cent percent reliability. Products, components and systems are designed, manufactured and supplied based on the specific requirement of the customers.

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