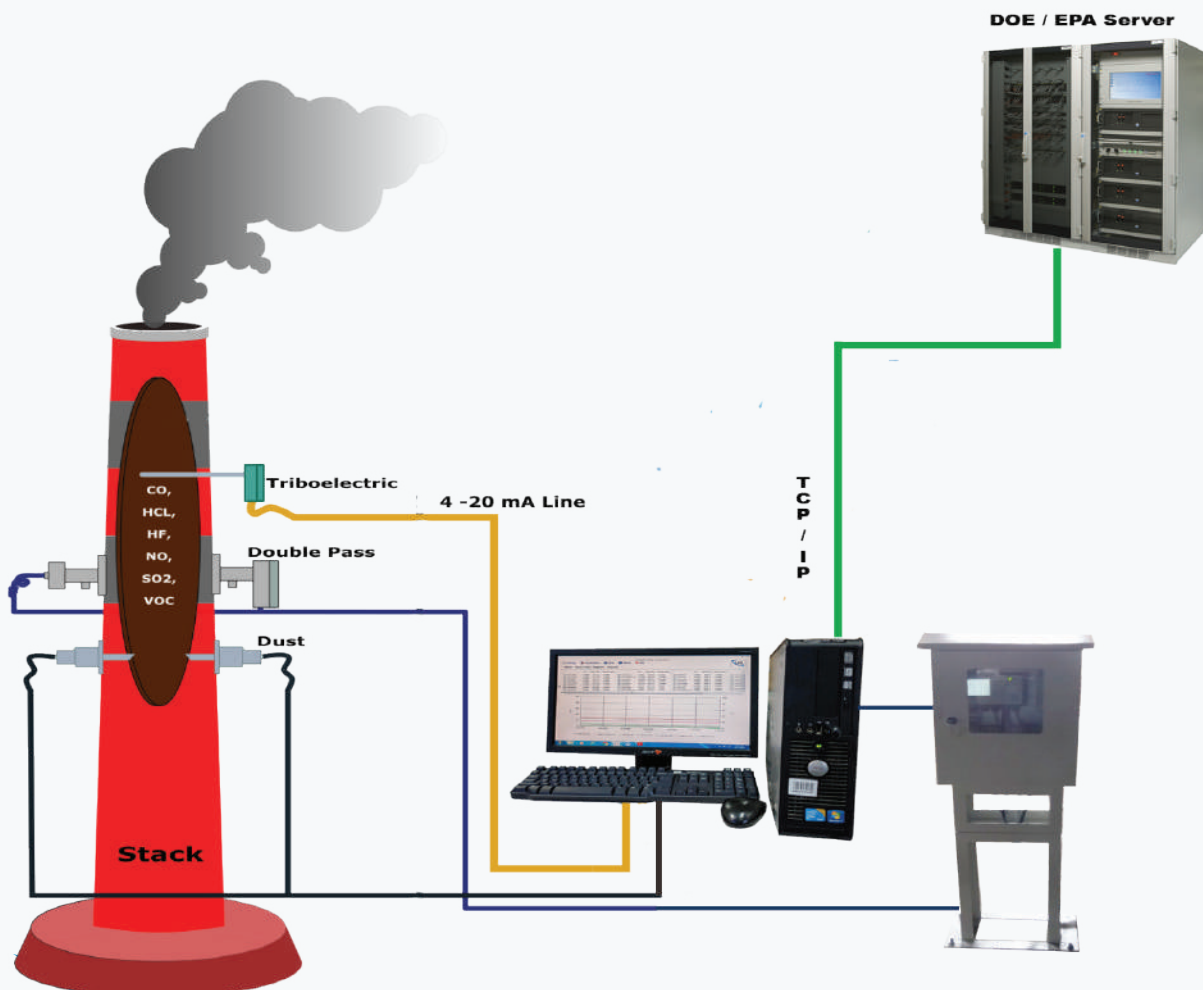




CEMS - Rice Mill

Type of CEMS Analyzer

- Extractive Gas Analyzers
- Insitu Gas Analyzer
- Particulate In-Situ Analyzer



Emission Limit Value for some of the source sector required CEMS

| Source Activity | Pollutants | Limit Value (mg/m ₃) |
|-----------------|------------|-------------------------------------|
| Rice Mill | Total PM | 50 |
| | Opacity | 20% |

DOE / EPA Requirements

- Listed appointed and approve company in DOE / EPA website
- TUV / MCERT Certificate
- Data Acquisition System (DAS)
- Data Interface System (DIS)

Dust & Opacity Analyzer Working Principle

| Parameter | Principle | Sampling Type |
|-----------------|---|---------------|
| Total PM / Dust | Light Scatter Beta Absorption | Extractive |
| | Transmissionmetry / Triboelectric Double Pass, Single Pass | Insitu |
| Opacity | Light Scatter Beta Absorption | Extractive |
| | Transmissiometry / Triboelectric, Double Pass, Single Pass | Insitu |