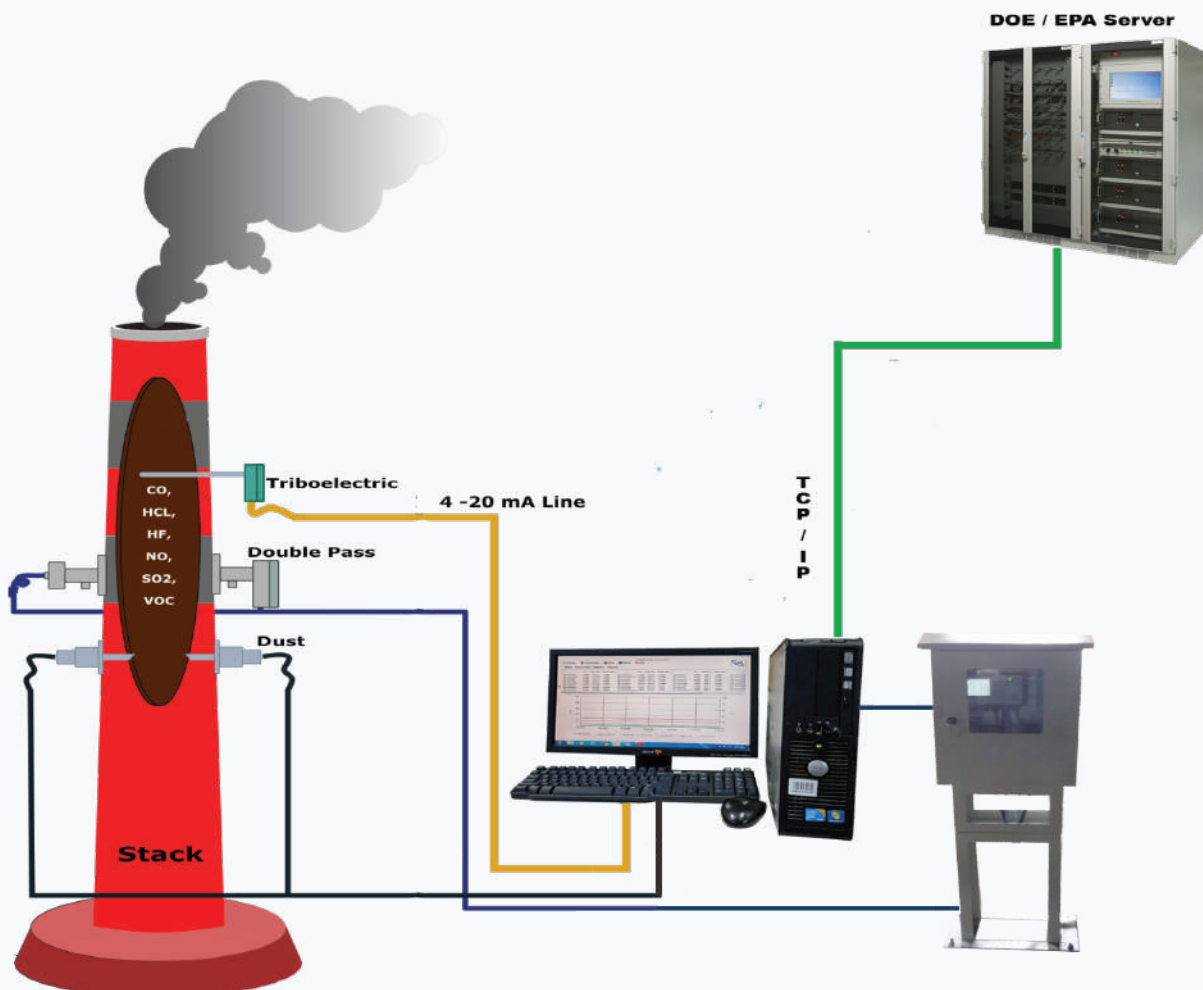# CEMS - Palm Oil Mill

Type of CEMS Analyzer

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

LKS (M) SDN BHD
Email : info@lkssb.com.my
Website : www.lkssb.net

CATL2020.012.EN

Emission Limit Value for some of the source sector required CEMS

Source Activity	Pollutants	Limit Value (mg/m$_3$)
Palm Oil Mill (All Sizes)	Total PM Opacity	50 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