National Air Compliance Training Program

NACT 299

Theory & Application of Common Air Pollution Control Devices

Tentative Online Agenda

Day 1

Power Plant Emission Controls

9:00	Introductions
9:15	Introduction to Control of Air Pollution
9:30	Control of Power Plant Emissions - CO / Oxidation Catalyst
10:00	**Break**
10:15	Formation and Prevention of Oxides of Nitrogen (NOx)
10:45	NOx Controls
11:00	**Break**
11:45	Control of Particulate Emissions and Ammonia Slip
12:15	**Lunch**

Control of Volatile Organic Compounds (VOCs)

1:15	Introduction to VOCs and HAPs
1:30	Introduction to Control of VOCs
1:45	Material Usage Minimization and Waste Containment
2:00	VOC Capture
2:15	**Break**
2:30	Absorption (VOC and Others)
3:00	Adsorption
3:30	Adjourn

Day 2

Control of Volatile Organic Compounds (Continued)

9:00	Capture & Destroy -- Capturing Emissions & Oxidation
10:30	**Break**

Control of Particulate (PM) Emissions

10:45	Introduction to Control of PM
11:00	Cyclones and Baghouses
11:45	**Lunch**
12:45	Baghouses and Electrostatic Precipitators (ESPs)
1:15	Scrubbers
2:00	**Break**
2:15	Particulate Filters and Gas-Fired IC Engine Controls
3:00	Summary Review and Questions
3:30	Adjourn