

Northern California Air Quality Regulations, Permitting, and Compliance Seminar (Bay Area and San Joaquin Valley)

Course Description

This course is designed for industry and government professionals as an overview of the U.S. EPA, CARB, BAAQMD, and SJVAPCD air quality regulations that apply to air quality permitting and compliance. Special emphasis is placed on how these regulations affect facility permitting and compliance in the Bay Area and San Joaquin Valley.

This course will be held online in five 3-hour classes over 2 weeks.

Instructor Information: Judy B. Yorke, B.S., P.E., C.P.P.; E-mail: JYorke@YorkeEngr.com

Judy Yorke, P.E., C.P.P., President of Yorke Engineering, LLC, has extensive air emissions regulatory compliance experience with industry and government. Ms. Yorke is a recognized expert in federal, State, and local air pollution control regulations. She has taught the Air Quality Permitting and Compliance course at the University of California, Irvine, Continuing Education for over 25 years and is a regular speaker at air quality seminars. She has performed hundreds of air quality projects in the South Coast requiring auditing, permitting, emissions quantification and inventories, as well as compliance management/planning.

Topics Covered:

Session 1: Introduction & Regulatory Framework

- Delegation of Authority
- Ambient Air Quality Standards for:
 - Criteria Air Pollutants
 - Toxic Air Contaminants
- NESHAP and NSPS
- U.S. EPA GHG Permitting & Reporting

Session 3: Permitting Part II

- Health Risk Screening Calculations
- New Source Review (BACT/LAER, Modeling, Offsets)
- NSR for Toxics
- Prevention of Significant Deterioration (PSD)
- Quantifying Emissions

Session 5: Compliance Planning & CARB's New Criteria and Toxics Reporting

- Compliance Planning and Management: Recordkeeping
- Requirements and Agency Enforcement
- Compliance Systems and Strategies
- AB 32 and AB 617: CARB GHG
- Cap-and-Trade Programs
- Community Air Protection Programs
- Statewide Annual Reporting of Criteria and Toxic Air Contaminants

Session 2: Local District Rules & Regulations; Permitting Part I

- Permitting Framework
- BAAQMD and SJVAPCD Rules and Regulations
- Permitting (Part I)
 - Application Package Requirements
 - Forms and Fee Calculations
 - Rule Analysis

Session 4: Title V & CARB Requirements

- Title V – Federal Operating Permits
- CARB Regulations
- Refrigerant Management
- Portable Equipment
- Large Spark-Ignition Engines
- Diesel Off-Road Engines
- Diesel On-Road Engines

Class Meeting Information:

Dates: Wed., May 1st; Thu., May 2nd; Tue., May 7th; Wed., May 8th; Thu., May 9th; 9 a.m.-12 p.m.
Place: Online – Link will be provided upon registration.
Price: \$599
Sign Up: <https://yorkeengr.com/classes>
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