

# 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 four 4-hour classes over 2 weeks.

**Instructor Information:** Judy B. Yorke, B.S., P.E., C.P.P.; E-mail: [JYorke@YorkeEngr.com](mailto: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:
  - U.S. EPA
  - California Air Resources Board (CARB)
  - Bay Area AQMD (BAAQMD) and San Joaquin Valley APCD (SJVAPCD)
- Ambient Air Quality Standards (AAQS)
- Criteria Pollutants
- Air Toxic Contaminants (AB 2588, HAPs)
- Permitting Framework
- BARCT Rules and Regulations

### Session 3: Permitting Part II & CARB Regulations

- Permitting (Part II):
  - Health Risk Screening Calculations
  - New Source Review (BACT/LAER, Modeling, Offsets)
  - NSR for Toxics
- U.S. EPA Regulations
- CARB Regulations:
  - Refrigerant Management
  - Portable Equipment
  - Large Spark-Ignition Engines
  - Diesel Off-Road Engines
  - Diesel On-Road Engines



### Session 2: Air District Regulations & Permitting Part I

- BAAQMD and SJVAPCD-specific Rules and Regulations
- Permitting (Part I):
  - Application Package Requirements
  - Forms and Fee Calculations
  - Rule Analysis
  - Quantifying Emissions
  - Title V

### Session 4: Compliance Planning & Current Issues

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

## Class Meeting Information:

Dates: Tue. – Wed., Nov 2<sup>nd</sup> – 3<sup>rd</sup>; 9 a.m. – 1 p.m., and Tue. & Thu., Nov 9<sup>th</sup> & 11<sup>th</sup>; 9 a.m. – 1 p.m.

Place: GoToWebinar – Link will be provided upon registration.

Price: \$599

Sign Up: <http://yorkeengr.com/classes/sign-up-for-classes>

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