

# Southern California Air Quality Regulations, Permitting, and Compliance Seminar

## Course Description

This course is designed for industry and government professionals as an overview of the U.S. EPA, CARB, and SCAQMD 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 South Coast.

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](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
- 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: Rules & Regulations; Local District Permitting Part I

- Permitting Framework
- SCAQMD-Specific Rules and Regulations
- RECLAIM
- Permitting (Part I)
  - Application Package Requirements
  - Forms and Fees
  - 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
- SCAQMD WAIRE Rule

## **Class Meeting Information:**

Dates: Wed., May 1<sup>st</sup>; Fri., May 3<sup>rd</sup>; Tue., May 7<sup>th</sup>; Wed., May 8<sup>th</sup>; Thu., May 9<sup>th</sup>; 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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