



Professional Profile
Suzanne M. Arntz
Air Quality Specialist
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PROFESSIONAL EXPERIENCE

Suzanne Arntz has over 29 years of experience in environmental and air quality projects. Her experiences included providing engineering design, air permitting, site assessments and removal actions at EPA Superfund sites, development of health and safety and sampling plans, and project management on both air quality and environmental projects.

SKILLS AND ACCOMPLISHMENTS

Air Quality

- Preparation and evaluation of Title V Operating Air permits and other air permits
- Development of emission calculations for pilot plants, handling/conveyance systems, particulate vacuum systems and emergency generators, oil and gas condensate stabilizer plants
- BACT and VOC RACT analysis
- Air dispersion modeling (AERMOD) for compliance with National Ambient Air Quality Standards
- Engineering flow diagrams and instrumentation diagrams
- Develop air permitting strategies
- Developed worst-case analysis for VOC operations
- Compliance management plans and templates

Process Engineering

- Development of process design packages, process specifications, equipment and instrument specifications
- FEED and EPC design activities including EFD reviews, and HAZOP resolution
- Design off-site and utilities systems in support of main process units
- Technical evaluation of processes and utilities
- Superfund assessments, including health and safety plan and sampling plans
- Development of compliance checklists for heater sampling ports, platforms, secondary containment for storage tanks and pump/compressor seals

- Designs engineering flow diagrams and symbology drawings.

- Develops design pressure and design temperature diagrams
- Prepares process and utility line lists
- Performs radiation calculations, flare tip sizing and network distribution for high and low pressure flares
- Evaluates coker design for oil refineries including leak detection and repair
- Performs component counts of fugitive VOC's, miscellaneous process vent classification, emission limit verification
- Process/stormwater sewer system evaluations

Environmental Engineering

- Conducts removal assessments and actions under EPA's Superfund program
- Prepares and implements health and safety and sampling plans
- Performs field investigations
- Prepares Spill Prevention, Control and Countermeasure Plans for Oil Facilities
- Reviews and prepares hazardous waste profiles

EDUCATION AND TRAINING

- Bachelor of Science in Chemical Engineering, New Jersey Institute of Technology, 1988
- Associates Degree in Applied Computer Science, DeVry Institute, 2000
- OSHA 40 Hour Hazwoper Training
- OSHA 8 Hour Hazwoper Refresher Training

