

Andy Hixson
Director

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EXPERTISE

- Air permitting
- Air dispersion modeling
- Process flow
- Health risk assessment
- Environmental compliance
- Compliance auditing
- Environmental training

EDUCATION

B.S., Chemical Engineering
Georgia Institute of
Technology

EXPERIENCE

Trinity Consultants
Air Quality Consultant
2003-2007

Delta Airlines
Environmental Services
Co-op
Air Quality Division
2000-2001

QUALIFICATIONS

Mr. Hixson is a Chemical Engineer with more than six years of experience in environmental services, including air permitting, air dispersion modeling, compliance assistance, compliance auditing, health risk analysis and compliance training. Much of his experience has been in electric power generation, oil and gas, chemical processing, and various manufacturing technologies. Mr. Hixson has particular expertise with air dispersion modeling, having worked with a variety of modeling systems, including: CALPUFF, AERMOD, ISCST3, VISCREEN, PLUVUE-II and SCREEN3.

REPRESENTATIVE EXPERIENCE

Mr. Hixson prepared a federal air quality permit application for El Paso's Liquefied Natural Gas (LNG) Terminal on Elba Island, Georgia. The project doubled LNG storage and export capacity at one of four terminals of its kind in the United States. For BP Petrochemicals he developed a thorough Startup, Shutdown, and Malfunction Plan (SSMP) at two chemical processing plants; the SSMP required a technical analysis of process flow diagrams, key process operating parameters, and control device specifications. Mr. Hixson has significant wood products industry expertise and assisted in the compliance and permitting strategy at more than ten plywood, medium-density fiberboard (MDF) and particleboard mills. He performed a health-based risk analysis to de-list an MDF mill from the Plywood and Composite Wood Products NESHAP program.

Mr. Hixson developed an in-house training program on topics ranging from dispersion modeling to state permitting strategies. He prepared a one-day custom training course on state and federal regulations, permitting, compliance, monitoring, and reporting for managers at two wood products facilities. He has also conducted more than thirty dispersion modeling analyses throughout the Southeast using a variety of modeling systems including: CALPUFF, AERMOD, ISCST3, VISCREEN, PLUVUE-II and SCREEN3.

At Delta Air Lines in Atlanta, GA, Mr. Hixson designed a monitoring and compliance database for a Title V Operating Permit with reporting capabilities to monitor over 200 Departments, and he conducted audits of Delta's Technical Operations Center and other regional airports throughout the United States, verifying compliance with monitoring, recordkeeping and reporting requirements. He initiated a compliance program for chemicals regulated under the Aerospace NESHAP program.