

P R O F I L E



KERRI L. SCHNELL

Chemist

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With her background in forensic and industrial chemistry, Kerri Schnell plays a key role in the testing and analyses conducted for Crane Engineering projects in the firm's in-house laboratory.

ROLE AND RESPONSIBILITIES

As chemist, Kerri assists with lab testing in support of investigations for insurance firms, fire investigators, medical device companies and industrial clients. She performs ignitable liquid residue testing and analyses and is developing the company's database of ignitable liquid residue reference samples. Her work also includes material and foreign material identification, reverse product engineering and parts cleanliness verification. Kerri operates Crane Engineering's GC/MS and ion chromatography systems and serves as backup technician for the lab's FT-IR and LC/MS. In carrying out her responsibilities, Kerri provides clients with excellent service, including quick turnaround and comprehensive results.



EXPERIENCE

Kerri's extensive and varied experience using chromatography instruments provides a solid knowledge base for her instrument work at Crane Engineering. Prior to joining the company, Kerri served as a forensic chemist for Twin Cities area testing firms, where she performed highly complex lab tests and quantitative analyses using chromatography and mass spectrometry.

Previously she worked for a major food manufacturer, directing daily operations as a lab assistant in a biotechnology development center as well as supporting research and development for the quality control lab to help maintain a food-safe operations facility. In 2004-2005,

Kerri completed a forensic anthropology internship at the Museum of Man in San Diego, where she conducted forensic examinations with an emphasis on chemical analyses using FT-IR.

EDUCATION AND INVOLVEMENT

Kerri holds a bachelor of science degree in cellular biology from St. Cloud State University, St. Cloud, Minn., and a master of forensic science degree, specializing in criminalistics, from National University, San Diego.



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