

## P R O F I L E



### DAVID J. KRAMER, P.E.

Metallurgical Engineer

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With nearly four decades of experience in metallurgical engineering, Dave Kramer excels at solving problems related to materials, their properties and how they are used.

#### ROLE AND RESPONSIBILITIES

Dave provides the firm's industrial clients with consulting services in metallurgy, including design support, materials selection, prototype and production fabrication, manufacture-process analysis, and forensic analysis of material failures. As a specialist in materials and process engineering, he also is called upon to offer litigation support and expert testimony. Dave works closely with his clients – often right at their facilities – to resolve their metallurgical concerns and develop corrective-action plans. His professionalism and extensive knowledge have earned him the trust of Crane clients – many of whom are engineering colleagues.

#### EXPERIENCE

A licensed professional engineer, Dave has served as a metallurgical engineer in both technical and

management positions for approximately 40 years. His background includes mechanical testing of graphite/epoxy composites, developing powdered metal applications for military components, and selecting materials and finishes to meet military corrosion-protection requirements. Dave also has managed quality control for a technology firm and developed and taught courses in metallurgy and nondestructive testing. His strong teaching and communication skills are valuable assets in his consulting role. Dave plays an instrumental role in conducting Crane Engineering's seminars, particularly related to the fundamentals of current technical analysis and problem solving in industrial settings.

#### EDUCATION AND INVOLVEMENT



Dave holds a bachelor of science degree in metallurgical engineering from the South Dakota School of Mines and Technology. He has continued his education with graduate studies at St. Cloud University and many professional technical seminars. He is an active member of ASM International and the American Society for Nondestructive Testing, on whose boards he has served, as well as the Society of Manufacturing Engineers, the American Welding Society and the National Society of Professional Engineers.



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