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Principal : Dr. Richard F. Lynch

Degrees: PhD & MS in Metallurgy and Materials Science, BS in Metallurgical Engineering, Lehigh University.

Specialties: Expert witness/consultant in nonferrous and steel metallurgy including failure analysis. Metallurgical failure investigation and test interpretation for legal profession. Effective court testimony. Specialties in fracture, corrosion failure of metals including galvanized and painted steel, structural materials, fabricated products, and fuel tanks. Zinc and galvanized steel expert. Extensive background in nonferrous castings and wrought products including manufacture, performance and failure analysis. Expert in surface preparation, metal pretreatments and painting of galvanized steel including white rust formation and paint failure. Experienced in writing and interpreting standards and specifications for bare and painted galvanized steel, ferrous and nonferrous products. Technical marketing expertise. ASTM Fellow.

Experience: Dr. Richard F. Lynch is the founder and President of Lynch & Associates, Inc. His PhD dissertation focused on the processing, structure and properties of low carbon steel while his Master's thesis involved research on wrought aluminum alloys. He has over 30 years of industrial experience, including 11 years with a major metals producing and processing company. Immediately prior to forming Lynch & Associates in 1988, he was with Zinc Institute which culminated in his appointment as Executive Director. At Zinc Institute he was heavily involved in zinc-coated steel technical assistance and market development. Current consulting activity spans the areas cited above.

Client Base: Includes attorneys and companies requiring failure analysis, metallurgical testing, or assistance with end product manufacture, metallurgical processing, casting, galvanizing, zinc production, surface treatments, metallurgical process licensing, international metals research, market research.

Professional Societies: Dr. Lynch is active in ASTM Committee A05 on Metallic Coated Iron and Steel Products where he has served as User Vice Chairmen and as Chairman of Committee B02 on Nonferrous Metals and Alloys. He is an ASTM fellow. He is active at the local chapter and national levels with ASM International, the Materials Society. He has authored and presented numerous technical papers on the properties and uses of zinc-coated steel, nonferrous castings, powder metallurgy, other materials, and ASTM standards. He is a US patent holder. He received the ASTM Award of Merit.