

Alan B. (Al) Metzel

Al is a native of Western Maryland, where he and his wife still reside. It was here that he received an A.S. in Engineering Technology from Hagerstown Community College. Following, he earned his B.S.M.E. (Machine Design) from the University of Tennessee (Knoxville).

He first became deeply involved with metrology as Gear Manufacturing Engineer with Mack Trucks Power Train Division for over twenty years. There he was responsible for the development and implementation of manufacturing and inspection methods for components for heavy duty transmissions and carriers, as well as, diesel and gas turbine engines.

For the past eight years Al has worked as Quality Engineer responsible for Mechanical Fabrication and Integration at Northrop Grumman Electronic Systems Aerospace Systems Division in Baltimore, MD.

As a member of ASTM International, Al serves on the 3D Imaging System (E57) Committee Test Methods and Strategic Planning subcommittees. As an NDT Level III Shearographer, he also serves on the Nondestructive Test (E07) Committee Liquid Penetrant/Magnetic Particle and Specialized Methods subcommittees.

Al serves on the Pre-Engineering Advisory Committee for Washington County (Maryland) Technical High School. He also served on the Washington County Public Schools *Second Generation Study Group for Specialized, Signature, and Magnet Programs* and authored the final report chapter on Biotechnology.

