

**EDUCATION**

BS Mechanical Engineering

CERTIFICATIONS

CMRP

AFFILIATIONS

SMRP

CONTACT

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BLAKE BACA

TECHNICAL ADVISOR

As a maintenance and reliability professional, Mr. Baca has focused primarily on work control, change management, materials management, and foundational reliability and maintenance engineering. With a strong background in aluminum smelting, he also has industry experience in metallurgical coal mining, oil sand mining, cast iron pipe manufacturing, and coal fired power generation.

Mr. Baca currently works for GPAllied as a Technical Advisor, providing technical and practical expertise and experience to support activities associated with reliability assessments, asset health management, work execution management, change management, Weibull analysis, and reliability and maintenance engineering. Previously, he was the owner of and a practicing consultant at BDB Solutions, LLC, a small reliability and maintenance consulting services company, where he worked with clients to enable them to gain increased profitability through greater capacity, increased uptime, and improved quality. Prior to that, Mr. Baca spent 20 years with Alcoa, Inc., 6 years as a plant engineer and 14 years as Maintenance and Engineering Manager at the Rockdale and Tennessee Operations, taking the Unionized Steelworker organizations from a reactive to proactive reliability focused work culture.

Mr. Baca holds a Bachelors of Science in Mechanical Engineering from Texas Tech University and is a Certified Maintenance and Reliability Professional (CMRP). He is married and the father of five children, a 19-year old son and four daughters aged 17, 16, 15, and 12. Outside of the maintenance and reliability world, he enjoys attending his children's sporting events, as well as hunting, fishing, and camping.