

Biography/Resume for Alexander K. Monroe

Alex earned both his BS and MS degrees at the University of Iowa in Mechanical Engineering. He was the recipient of both the David Laine and Steven J. Harmon scholarships while in school. The focus of his undergraduate degree was on thermal fluids, manufacturing, and material processing. His Master's work focused on the simulation of shrinkage porosity in high pressure aluminum die castings.

Alex is now an engineering project manager at NADCA. In this position his responsibilities include, working with member companies, government labs, government agencies, and universities on research and development efforts, while also assisting with the technology transfer from research projects to NADCA members. As part of this work, Alex has written many of the new electronic tools offered by NADCA. He has also developed customized training courses and many of the webinars. He spends a significant portion of his time in plants teaching and working on projects to continue the advancement of die casting in North America.