

BCI PROFESSIONAL STAFF

Gregory Smith, PE (Electrical Engineer)

President of Boreal Controls, Inc. Seventeen years electrical engineering experience in control systems, system integration, general electrical engineering, trouble shooting, cost estimating and contract administration. Employers include: Boreal Controls, Inc., Juneau, AK. (1995-Current), engineering design, inspections, programming, system integration and commissioning of PLC based control systems and SCADA systems for industrial plants, municipal utility systems, and research; Haight & McLaughlin Electrical Engineers, Inc., Juneau, AK. (1993-1995), design and CAD of power distribution and control systems for industrial and commercial systems; and Electrical Control Systems Engineering, Inc., Redding, CA. (1992-1993), design of control panels, high-voltage substation grounding grid, sewage treatment plant controls, water pump station controls, and power distribution systems. Prior to completing college, worked as an apprentice electrician and engineering technician. B.S., Electronic Engineering Technology, Oregon Institute of Technology, Klamath Falls, OR, 1992.

Tory Oien, PE (Electrical Engineer)

Senior electrical engineer, Boreal Controls, Inc. Sixteen years electrical engineering experience in control systems, design and specifications for power distribution systems, system mapping, lighting, fire alarm, and commercial power systems. Employers include: Boreal Controls, Inc., Juneau, AK (1997-Current), design, CAD, programming, fabrication, commissioning and system integration of PLC control systems in new and upgraded municipal utility systems; and T.E. Neubauer and SSR Engineers, Juneau, AK (1982-1989), preparation of utility construction work plans, distribution line design, distribution system mapping, and power system protection analysis. Other experience included work as an engineering technician and in remote construction. B.S. Electrical Engineering, University of Washington, Seattle, WA, 1983.

Eric Nelson (Electrical Engineer)

Senior electrical engineering technician, Boreal Controls, Inc. Twenty years of experience in electrical engineering technology in control systems, design, CAD, programming, fabrication, installation, and commissioning of PLC control systems, electrical component testing, development and automation of manufacturing processes, and electronic system integration. Employers Include: Boreal Controls, Inc., Juneau, AK (1998-Current), design, CAD, programming, fabrication, installation and startup of PLC control systems for municipal utility systems and industrial plants; PACCAR, Inc., Washington, (1988-1997), electrical test and development engineer for large diesel truck manufacturing company with work including testing of electronic components, development of specifications, testing of machinery and system integration. B.S. Electronic Engineering Technology, Oregon Institute of Technology, Klamath Falls, OR, 1985. M.S. Interdisciplinary Studies, Southern Oregon State College, Ashland, OR, 1987.

Blake Rider, Electrical Engineering Technician

Electrical Engineering Technician, Boreal Controls, Inc.

Vince McELmurry, Electrical Engineering Technician

Electrical Engineering Technician, Boreal Controls, Inc.

Muhammad Zuberi

Electrical Engineering Technician, Boreal Controls, Inc.

Samuel Smith, PE (Civil Engineer)

Civil Engineer and Electrical Engineering Technician, Boreal Controls, Inc. Forty-seven years experience in design, construction and project management in the mining industry and civil works. E.M., Mining Engineering, Colorado School of Mines, 1962. M.S., Civil Engineering, University of Colorado, 1968.