

Professional Qualifications

John Minturn

POSITION Project Manager/Site Superintendent

Mr. Minturn is a project manager/site superintendent with over 25 years of experience with construction projects in the homeland security, industrial, manufacturing, and general construction business sectors. In addition to his project management responsibilities, Mr. Minturn possesses significant technical skills in the construction field, including health and safety compliance, quality control, scheduling, and cost estimating. Mr. Minturn maintains a comprehensive understanding of procurement, subcontract administration, property management, and contract administration procedures. Mr. Minturn is also proficient in Russian.

CAREER EXPERIENCE

- **McCartney Generating Station**, Springfield, Missouri – Served as the project manager/site superintendent for construction of a \$51 million, 100-MW generating station for City Utilities (CU) of Springfield, Missouri. The generating station was primarily constructed to generate power to meet demands for additional air conditioning loads during the summer months.

Construction of the generating station and appurtenant structures was completed on an 80-acre site located near Strafford, Missouri over an 18-month period. Site work required moving and grading approximately 3,000 cubic yards of soil, constructing 1,500 feet of asphalt roads, installing 3,000 feet of 8-foot chain link fencing around the site perimeter, placing 1 ½ feet of gravel over the entire working area for grounding/safety purposes, and hydroseeding.

- **Food Processing Plants** (Khromtau, Kazakstan – Orenburg, Russia – Kzil Orda, Kazakstan) – Served as project manager/site superintendent for the construction of three food processing plants in Kazakstan and Russia. Each of the plants was pre-manufactured in and shipped from Kansas City, Missouri and assembled using local labor forces working under Mr. Minturn's direct supervision. The processing plant in Khromtau, Kazakstan consisted of both meat processing and dairy operations. The plants located in Orenburg, Russia and Kzil Orda, Kazakstan consisted of only meat processing facilities (each of the three meat processing plants was virtually identical in terms of size and operation).

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The 8,000 square foot meat processing plants consisted of cow and pig slaughtering lines, coolers, freezers, a sausage production line (2 metric tons of sausage per shift), and a smokehouse. Mechanical systems within the plant included steam, natural gas, water, 380-volt electrical system, and Freon refrigeration lines. All of the processing equipment and utilities were housed inside Butler™ metal buildings. The meat processing facility in Kzil Orda was expanded by 4,000 square feet in order to accommodate the slaughter of sheep and camels.

The Khromtau diary processing plant was 16,000 square feet, and included an extensive network of stainless-steel sanitary milk transfer piping in addition to the same utilities as the meat processing plant. This facility was capable of receiving and pasteurizing 10,000 gallons of milk per day, as well as processing cheese, yogurt, butter, and ice cream.

- **Concrete Batch Plant, Tengiz, Kazakstan** – Served as project manager/site superintendent for the construction and operation of 60 cubic meter per hour concrete batch plant on the Caspian Sea for Chevron Corporation. The plant was constructed at approximately 80 feet below sea level and was situated on pile-supported foundations. The entire plant was enclosed from the outside weather, and incorporated bunker areas for aggregate storage, a conveyor system for transport of raw materials, a pneumatic system for transferring cement from rails cars to the plant silos, and a digital computer system for operating and controlling the scale and batching system. All of the construction effort was completed using local labor forces.
- **Highway Bridge, Douglas Island, Alaska** – Served as site superintendent during the construction of a 192-foot long, ASTO 20 highway bridge that spanned Fish Creek and led to the Juneau ski area. The bridge features a 96-foot arch span and sits approximately 45 feet above the high water level for the waterway. The vertical profile associated with the Fish Creek ravine precluded construction of the bridge from the bottom of the ravine. Consequently, the bridge was constructed from both ends.
- **Kake Dock, Southeast Alaska** – Served as site superintendent for the construction of an ocean dock near Kake, Alaska. The dock was constructed utilizing 36-inch by 300 pound per foot soldier piles which were in turn supported by a wall system of pre-cast concrete panels. Each of the steel soldier piles were restrained using 2 1/8-inch threaded rods that were tied to a system of dead men. The dock was ultimately backfilled with shot rock. The tidal range during construction was greater than 20 feet. In total, the dock measured over 400 feet in length and has approximately 42 feet of exposed face above the ocean floor.

January 1985 to October 1987

Managed the construction division of Quadra engineering in Juneau, Alaska. Bid, managed and constructed multiple State funded infrastructure projects including the Fish Creek Bridge (a 200 foot highway bridge) and the Kake Municipal Dock (A 400 foot long deep water ocean dock).

January 1988 to January 1991

Developed and constructed commercial shopping malls for Block and Company in the Kansas City Metro area

January 1991 to January 1995

Employed by Koch to furnish, ship and construct using local labor various food processing facilities located, first in the Soviet Union, and after December of 1991 in Russia, Kazakstan and Ukraine. The total value of these facilities was 24 million dollars. Was responsible for all logistics, commercial terms and construction. Developed a working knowledge of the Russian language.

January 1995 to January 1997

Employed by Black & Veatch as their Director of Operations in the FSU (Former Soviet Union). Reported directly to Bob Ruisch, Managing Partner of the Energy Group. Tasked with surveying Soviet area coal fired generating plants to assess what services Black & Veatch could furnish and then marketing these services. Analysed 16 Russian and Kazak power generating facilities and submitted upgrade proposals for 5 of them

Erected and operated a concrete batch plant using local labor for Chevron at their Tengiz Oil Field in Kazakstan

January 1997 to August 1998

Employed by New Century Holdings to develop an IPP project in Kazakstan. Secured a License and Sovereign Guarantee from the Government of Kazakstan. Oversaw the writing and executed a Power Purchase agreement with Aktubinsk Energo. Oversaw the writing and executed a Gas Supply Contact with the Chinese National Petroleum Corporation. Conducted all required due diligence in order to apply to the IMF for an 80 million dollar loan. Secured 40 million dollars in equity commitment from the

Chatergee Group (a Soros Fund) and an OPIC fund managed by New Century Capital. Negotiated with Ansaldo for the purchase of a Siemens V 94.3 Turbine.

January 1999 to January 2003

Employed by Goforth Rogers Construction as a Project Manager. Bid and built the McCartney Generating Station in Springfield, Mo. This was a 100 Megawatt green field site. Also bid and constructed the McCartney Substation.

January 2003 to December 2005

Employed by Arrowhead Construction as a Project Manager for a variety of DOD environmental remediation projects.

December 2005 to May 2008

Employed by Sega Inc. as the Site Manager for the Riverton 12 Power Generation Project, a Siemens V-84.3 simple cycle combustion turbine. Subsequently worked developing a Compressed Air Energy Storage model.