

David N. Kobernuss

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CERTIFICATION

MS Engineering Administration: Syracuse University, 1968

BS Electrical Engineering: Carnegie-Mellon University, 1950

Registered Professional Engineer: New York, Illinois, Arkansas

OVERVIEW

Experienced in the design, specification, procurement, installation, start-up, education of personnel, and maintenance of equipment in highly technical metal processing facilities. Has repeatedly carried out large projects from the original idea to the successful completion and operation.

Now retired, is doing industrial consulting, such as supervising start-ups, troubleshooting of operating problems, field service engineering, educating operators, acting as an expert witness, etc.

EXPERIENCE

1993 to present

Self Employed

Supply expert technical and engineering services for the sales, service, start-up, field service engineering, and trouble-shooting of industrial equipment. Provide expert witness services for the litigation of industrial accidents, product liability, machine performance, etc. The services have been supplied world-wide as follows:

In the USA

- * Designed electrical distribution systems
- * Performed utility cost analyses
- * Acted as user expert in the sale of annealing furnaces
- * Tested annealing furnace atmospheres
- * Educated prospective Chinese buyers in the operation of slitting lines
- * Tested the electrostatic application of lubricant to an aluminum punching operation
- * Assisted in the start-up of an electrostatic powder paint coating line for strip steel
- * Tested the electrostatic application of powder to chewing gum base
- * Acted as expert witness for a plaintive suing for breach of contract in his purchase of eight large bell annealing furnaces. The client was successful in an out-of-court

settlement, based on my deposition.

* Acted as an expert witness for an equipment manufacturer in a personal injury lawsuit concerning an accident in a steel mill. The client was successful in an out-of-court settlement, based on my deposition.

* Acted as an expert witness for the plaintiff that had purchased a leveling and cut-to-length line for a steel mill. The suit was for non-performance to contract. The plaintiff declared bankruptcy after my deposition.

* Finished the installation of, and started up an electrostatic combination powder- and-oil deposition unit on a steel rolling mill

* Acted as an expert witness for the plaintiff in a personal injury suit where the plaintiff was severely injured by coming in contact with 4160 volts. This was settled out of court.

* Acted as an expert witness for the defense in a personal injury suit where the plaintiff was severely injured by coming in contact with 13,800 volts. This was settled out of court.

* Presently involved as expert witness for the plaintiff where plaintiff was injured on a paper cutting and sorting machine

* Presently involved as expert witness for the defense in a suit where a worker got injured on an edging and cut-to-length line in a large aluminum rolling mill

In Mexico

* Acted as agent for a Japanese client to help select a used slitting line for a proposed plant in Mexico City

* Assessed the operation of an annealing department in a steel mill in Monterrey

In Wales

* Investigated the operation of an annealing department at British Steel in Llanelli

In India

* Acted as user expert in the sales of annealing furnaces

In China

* Supervised the start-up of a leveling and cut-to-length line in a steel mill

In Panama

* Supervised the start-up of a slitting line; educated the owner and operators as to its proper operation; designed new spacers and tooling

In Puerto Rico

* Finished the final installation of a slitting line; educated the operators as to its set-up and operation

* Analyzed the operation and problems of a slitting operation in a steel warehouse

1968 to 1993 (Retirement)

Rome Strip Steel Company, Inc., Rome, New York

Major producer of low carbon, high carbon, alloy, and high strength precision cold rolled strip steel, in standard coils, traverse wound coils, and cut lengths.

Title: Engineering Manager

Managed the entire engineering function. Responsible for designing, purchasing, installing, and maintaining all plant operating equipment and facilities. Supervised four engineers, three foremen, and 21 technicians. This included recruiting and training personnel, dealing with governmental bodies, engaging and supervising contractors, and acting as the company's spokesman. The equipment installed has enabled the company to become the premier cold rolled strip steel producer in the USA.

Significant Projects

- * Three stand cold rolling mill
- * Single stand reversing mill
- * Three roll grinding machines
- * 20" wide Z-mill
- * 20 annealing furnaces
- * Double loop slitting line
- * Traverse wind 17 strand coil slitting line
- * 13,200 volt substation
- * Heavy gauge slitting line
- * Many sets of coil handling equipment for rolling mills and processing lines
- * Water recycling system

1967-1968

Self-Employed: Designed, built, sold, and serviced specialty control panels and equipment

1964-1967

Crucible Steel Company, Syracuse, New York: Specialty Steel Rod and Bar Mill Maintenance Superintendent 1966-1967 Supervised twenty foremen and about 250 maintenance workers. Equipment included four electric arc furnaces, a hot blooming mill, a continuous rod and bar mill, wire drawing machines, annealing furnaces, finishing machinery, drop forges, hammers, and associated plant support equipment such as boilers, substations, cooling water systems, etc.

Plant Electrical Engineer 1964-1966 Supervised three foremen and about twenty maintenance electricians. Designed and supervised the installation and start-up of all new electrical equipment. This included a new 13,800 volt substation, a continuous rod and bar mill, and a 1500 KVA electric arc furnace.

1952-1964 Reynolds Metals Company

1958-1964 McCook, Illinois, Aluminum Rolling Mill

Electrical Superintendent Supervised 85 electricians, eight foremen, two electrical engineers, two draftsmen, and two secretaries. Designed, installed and maintained all plant electrical equipment

1952-1958 Arkadelphia, Arkansas, and Richmond, Va. Worked at an aluminum reduction plant and at company HQ designing aluminum reduction plants.