

# Betty Corbin's resume

Betty H. Corbin

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I have approximately 31 years in the industrial construction field. I ensure timely engineering information; procurement; and the delivery of necessary equipment and material. I plan and schedule work; and coordinate it with work of all crafts. I have extended knowledge in the piping industry. I have excelled at the following positions: Piping superintendent, Piping engineer, Subcontract coordinator, senior technical professional, and construction management.

I won the management safety award for the year 2003 with BE&K construction.

I was nominated for ABC 1998 Woman of the Year Award.

I was the first legacy BE&K employee to win MVP award "maximizing value added performance" in 2009. This was won from client commendation for "credibility and exemplary performance."

**I have earned letters of appreciation from:**

Ted Kennedy, founder, and former CEO of BE&K construction for my participation in the "Women in Construction program".

Wyerhaeuser, Plymouth, N.C. 1995 for "outstanding contribution and successful team effort , #7 Fiber line"

Boise Cascade, Deridder, La. 1983 for "quality workmanship and overall success."

Rhodes Technology, Coventry, R.I. 2001 "excelling during difficult circumstances"

Wyerhaeuser, Valliant, Ok. 2002 "quality work in a tightly scheduled shutdown"

**Senior technical professional: BE&K/KBR Construction**

Hunt Refining Company, Tuscaloosa, Al. Black Warrior Refining Expansion Project-engineering, procurement, and the construction of CCR, Hydrogen, Hydrocracker, and delayed coker unit.

**Piping superintendent: BE&K /KBR Construction**

ADM (Archer Daniels Midland) Clinton, Ia. Small capital's project. Steam conservation; and Grits turnaround.

**Piping field engineer: BE&K Construction**

BP Alternative Energy, Texas City, Texas Engineering, procurement, and the construction for the installation of a 250 MW steam turbine generator with all ancillary equipment.

**Piping field engineer ,and NCCER craft training facilitator :BE&K Const.**

International Paper, Riegelwood, N.C. Miscellaneous capital and repair projects in all areas of the mill.

**Piping superintendent: BE&K Construction**

International Paper, Courtland, Al. No. 3 recovery boiler annual inspection and repair; including upgrade of boiler burner system.

**Piping field engineer: BE&K Construction**

Domtar, Ashdown, AR. No. 61 paper machine head box replacement.

**Piping superintendent: BE&K Construction**

OCI, Green River, WY. Engineering, procurement, and construction of alternative energy conversion project. The project included a new 320 mm BTU/hr vertical down fired pulverized coal combustion chamber; feeding a new 320/hr Metso

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rotary calciner and a new FLS ESP. The project also included a 216 mm BTU combustion chamber retrofit to an existing calciner.

**Piping superintendent: BE&K Construction**

Georgia-Pacific Corporation, Cedar Springs, Ga. Planning, budgeting, and performing work for the No. 1 power boiler rebuild project including a new MCC, FD fan and duct, burner system, overfire air system, air header and dust collector.

**Piping superintendent : BE&K Construction.**

Domtar, Ashdown, AR. No. 62 paper machine head box replacement.

**Piping superintendent: BE&K Construction**

Owens Corning, Chester, S.C. Cultured stone capacity increase project.

**Piping superintendent: BE&K Construction**

Inland Paperboard and Packaging, Rome, Ga. Emergency pipe installation for demineralized water for recovery boiler.

**Construction management: BE&K / SUITT Construction**

Hyundai, Montgomery, AL. Construction management services at new manufacturing facility.

**Construction management: BE&K Construction**

Rayonier, Jesup, GA. Construction management services for numerous contractors.

**Piping superintendent: BE&K Construction**

International Paper, Vicksburg, MS. Power and recovery boiler capital, and inspect / repair outage. New over fire air, burners, and economizer on the power boiler. New upper furnace sidewalls, economizer casing, generating bank casing, rebuild 60 soot blowers, and backstays on the recovery boiler.

**Piping Superintendent: BE&K Construction**

Weyerhaeuser, Valliant, OK. Steam distribution reliability.

**Piping Superintendent: BE&K Construction**

AMVAC Chemical, Mobile, AL. Scope of work consisted of inspection, repairs, and replacement of equipment, tanks, columns, reactors, including waste handling area. This was followed with plant commissioning and start-up.

**Construction management: BE&K / Suitt Construction**

Rhodes Technologies, Coventry, RI. Responsibilities' included, but not limited to; coordinating several union pipe contractors and insulators. The complex nature of the project allowed me to demonstrate my tenacity and technical expertise.

**Piping superintendent: BE&K Construction**

Georgia - Pacific corp. Palatka, FL. Cluster rule project.

**Piping superintendent: BE&K Construction**

Premier Boxboard Ltd. Newport, IN. Engineering and construction for No. 1 paper machine to convert the single-ply medium machine to a 3-ply gypsum paper machine. Project also included additional warehouse space, and a new winder and roll handling system.

**Piping superintendent: BE&K Construction**

International Paper, Riegelwood, N.C. Miscellaneous mill projects, including digester piping replacement.

**Piping superintendent : BE&K / SUITT Construction**

B I Chemical, Petersburg, Va. New addition of chemical production unit; including utility piping.

**Piping "Gold Key" General foreman 2 : BE&K Construction**

Champion International, Roanoke Rapids, N.C. No. 4 paper machine multiple projects. Included a new calendar, reconfiguration of dryers, new steam and condensate system, and water quality improvements with a new clarification system.

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## **Piping "Gold Key" General foreman 2 : BE&K Construction**

Raisio Group, Charleston, S.C. Greenfield mill to produce stanol ester in the United States for the U.S. market. Phase 1 includes building to produce 2500 mt/a of stanol ester starting with purchased stanol and rapeseed oil methyl ester. Facilities built in Phase 1 were process building of approximately 13,000 square feet with certain areas built to a GMP 100,000 classification. Also included is a product building and a 6,000 foot warehouse.

## **Piping "Gold Key" General foreman 2 : BE&K Construction**

Mead Paper, Stevenson, AL. Installation of new 3000,000-pph waste fuel boiler, new recovery boiler, and chemical conversion system. Woodard upgrade including portal crane, chip screen, and washing system. Installation of new continuous digester, new refiners, washers, and upgrade of stock approach system. Also included was rebuild of No. 2 paper machine.

## **Piping "Gold Key" General foreman 2 : BE&K Construction**

Olin Chemical Corp. , McIntosh, AL. Engineering procurement of construction of a state of the art 250,000-tpy membrane cell chlor-alkali plant. Utility and support areas included a 115-k VA substation, chlorine cooling and drying, chlorine liquefaction, hydrogen compression, chlorine and caustic loading, caustic storage, chlorine reconditioning, chillers, and a cooling tower. All vessels and piping sized for 400,000-tpy production.

## **Piping "Gold Key" General foreman 2 : BE&K Construction**

Westvaco, Wickliffe, KY. Construction services for a grassroots activated carbon plant, including all general electrical, piping, and instrumentation construction work; and the procurement of construction materials.

## **Piping "Gold Key" General foreman 2 : BE&K Construction**

International Paper, Selma, AL. General maintenance services.

## **Piping "Gold Key" General foreman 1 : BE&K Construction**

Roche Carolina, Inc. Florence, S.C. Process piping, equipment installation and instrumentation controls for a grass roots pharmaceutical manufacturing facility. The direct hire work include several process areas, more than 85,000 feet of pipe, 2500 instruments, and 300 pieces of equipment for the new five-story pharmatech center. IQ validation of process systems were included.

## **Piping "Gold Key" General foreman 1 : BE&K Construction**

Weyerhaeuser, Plymouth, N.C. Construction services for fiber line modernization project including modifications to the existing chip handling system, new high density storage chests, new CLo2 plant, new chemical preparation area, new operations facility, new noncondensable gas collection system, and extensive pipe bridge modifications.

## **Piping "Gold Key" Foreman 2 : BE&K Construction**

Alpha Cellulose Corp. Lumberton, N.C. Engineering, procurement, and construction for a major pulp mill upgrade, the installation of a new washer and secondary power distribution system and the construction of a new bleach tower, centri-cleaner building, gyro-cleaner building, and peroxide unit.

## **Piping "Gold Key" Foreman 2 : BE&K Construction**

Champion International, Canton, N.C. Construction for mill optimization project, including new 655 bleached tons/day No. 2. fiber line, rebuild of 765 bleached tons/ day. No. 1 fiber line, new mill water system, rebuild of two evaporator sets and one waste fuel boiler, one recovery boiler, new NCG system, paper machine water conservation, new causticizing system, and miscellaneous utilities upgrade.

## **Piping "Gold Key" Foreman 2 : BE&K Construction**

Weyerhaeuser, Plymouth, N.C. Construction to upgrade NC-5 machine speed capability from 3,000 fpm. To 3,200 fpm Project included the installation of a new two-roll calender stack, machine pulper modifications, screen, and fan pump modifications, machine drive upgrade, Bel-Baie III conversion and new Bel-Run section.

## **Piping "Gold Key" Foreman 1 : BE&K Construction**

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Federal Paper Board Co. Inc. Riegelwood, N.C. Various projects included major rebuilds of the paper machines and pulp dryer, new lime kiln, caustic area, and a new distributed control system for the pulp mill and bleaching areas.

## **Piping "Gold Key" Foreman 1 : BE&K Construction**

Stone Savannah River Pulp and Paper, Port Wentworth, GA. Design and construction of major mill improvement and expansion program, including the addition of a hardwood pulp product line that consists of a new continuous digester, pulp mill, pulp machine, and baled hardwood pulp warehouse. In addition, rebuild of the recovery boiler and upgrade of the power boiler, turbine generator, evaporators, and upgrade the caustic area, water treatment facilities, and the wood yard. Major alterations and additions made to the mill and engineering office facilities.

## **Piping "Gold Key" Foreman 1 : BE&K Construction**

Champion International, Roanoke Rapids, N.C. No. 4 paper machine rebuild including new secondary head box and Beloit extended nip press. Also new spray-white conveying system and new vacuum pumps and piping. Increased production from 765-tpd to 800-tpd, kraft linerboard.

## **"Gold Key" Pipe fitter : BE&K Construction**

Southeast Paper Manufacturing Co. Dublin, GA. Construction of new facilities for mill expansion included a 360-inch, 660-tpd newsprint machine, continuous waste furnish ( old newspaper ) pulping, 400,000 lb/hr circulating fluidized bed boiler, 46-MW gas turbine with heat recovery steam generator, 41-MW steam turbine, water and waste treatment, and warehouse.

## **"Gold Key" Pipe fitter : BE&K Construction**

International Paper, Georgetown, S.C. Miscellaneous capital projects 1,700 ton per day kraft pulp mill. Projects included civil, mechanical, electrical, and instrumentation in and around existing operating equipment.

## **"Gold Key" Pipe fitter : BE&K Construction**

Champion International, Roanoke Rapids, N. C. Rebuild of No. 3 multi-wall bag paper machine, including press section, dryer section, pumps, vacuum system, and roll handling. Expanded wood yard, including new round wood handling and processing system.

## **"Gold Key" Pipe fitter : BE&K Construction**

Westvaco Corp., Covington, VA. Construction of a new No. 1 paper machine, 800-tpd SBS coated footboard; roll wrapping and handling, warehousing, distributed control system, and new offices and training center.

## **"Gold Key" Pipe fitter : BE&K Construction**

E.I. du Pont de Nemours & Co. , Chattanooga, TN. Provided construction services for multiple capital and maintenance projects in a fully integrated textile fibers plant. Construction included civil, structural, mechanical, piping, and electrical disciplines. Projects varied from small service maintenance work to major capital projects.

## **"Gold Key" Pipe fitter : BE&K Construction**

Federal Paper Board Co. Inc. Riegelwood, N.C. Repair work to No. 5 recovery boiler.

## **"Gold Key" Pipe fitter : BE&K Construction**

Union Camp Corp., Franklin, Va. Construction of new 175,000-pph power boiler and evaporators wood yard modernization. .No. 1 coated board paper machine rebuild and other miscellaneous projects.

## **Piping top helper: BE&K Construction**

Federal Paper Inc. Riegelwood, N.C. Construction of new wood yard, slasher, and digesters.

## **Piping middle class helper: BE&K Construction**

Georgia Kraft Inc. Macon, GA. Construction of new recovery boiler, and various valve repairs.

## **Laborer / Piping Bottom class helper : BE&K Construction**

Bear Island Paper , Doswell , Va. Grass roots paper mill, including paper machine, digesters, recovery boiler, and waste water system.

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I have taken thousands of hours of construction training courses; starting with craft progression through supervision and management. Through dedication, hard work, and team spirit; I was BE&K's first female certified pipe fitter, foreman, general foreman, and in 2001 their first salaried craft superintendent. I have been an NCCER Pipefitting/ Core curricula instructor since 1998. I feel training is the key to a qualified, safe construction workforce.