

Cost Saving Projects

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| .1 | Eliminated \$7,000.00 annual HVAC calibration contract by training in-house personnel to perform this function.
** This also eliminated a cost of \$35,000.00 in expenses which superseded the contract. (not incl. in savings) | Saved/10 yrs.
\$ 70,000.00 |
| .2 | Instituted a full service elevator contract to reduce cost associated with work beyond the preventive maintenance contract . | Saved/10 yrs
\$102,000.00 |
| .3 | Repair of existing water leaks throughout the facility. (JTB)
Set up water meter monitoring thus calculating for leaks. | Saved/8 yrs
\$ 80,000.00 |
| .4 | Performed perfume test on condensate return system to the Central Power Plant to identify leaks for repair.
Performed steam trap survey to identify faulty steam traps for repair or replacement. Once steam traps identified and repaired, installed thermometers on return lines in order to determine future faulty steam traps. | Saved/7 yrs
\$262,500.00 |
| .5 | Installed steam by-pass line from exhaust of turbine generator in order to provide steam to the Hogan complex, thus cogenerating | Saved/2-yrs
\$174,858.00 |
| .6 | Repaired condensate line from Hogan complex to Power Plant. | Saved/2yrs
\$ 22,026.00 |
| .7 | In 1992 changed primary fuel at HRC Power Plant from natural gas to #6 oil. | Saved/4yrs
<u>\$1.2 M</u> |

JOHN P. BANDINI

EDUCATION

*Northeastern University
Burlington, MA*

4/93-6/93, Managing Construction Contracts
1/93-3/93, Construction Law

*Peterson School of Engineering
Woburn, MA*

2/87-3/87, Instrumentation and Controls
2/85-6/85, First Fireman's Course

*Massachusetts Maritime Academy
Buzzards Bay, MA*

1977-1981, B.S. Mechanical Engineering

Bridgton Academy,

1976-1977, College Prep, Diploma Awarded

*Don Bosco Technical High School
Boston, MA*

1972-1976, Major: Design and Mechanical
Drafting, (1800 hours) High School Diploma
Awarded

TEACHING EXPERIENCE

Peterson School of Steam Engineering Woburn, MA

- Preventative Maintenance
- Inventory Control
- Diesels

PROFESSIONAL AFFILIATIONS

- National Fire Protection Association
- Association for Facilities Engineering
- American Society of Heating, Refrigerating and Air-Conditioning Engineers

LICENSES

- *Association for Facilities Engineering*
Certified Plant Engineer #2523
- *Commonwealth of Massachusetts*
Master Pipefitter #24460
Refrigeration Technician #14525
Construction Supervisor #048121
- *State of Maine*
Engineers License, 3rd Class, #2101
- *U.S. Coast Guard #629996*
Second Assistant Engineer, Unlimited Horsepower Motor
Third Assistant Engineer, Unlimited Horsepower Steam
Chief Engineer, Motor Uninspected Vessels

BACKGROUND

Eleven years experience in mechanical engineering and maintenance with emphasis in planning, development and implementation. Knowledge of Massachusetts building codes and the American Disabilities Act. Expertise in the development and review of building construction specifications, air conditioning, fire alarm, electrical and mechanical systems. Working knowledge of Claris CAD.

MAJOR ACCOMPLISHMENTS

Planned, developed and monitored numerous energy cost saving projects: recovered over \$2M in cost savings. Established contractor/vendor negotiations. Performed all phases of the bid process. Successfully initiated improvements for capital outlay projects. Implemented a series of effective administrative guidelines and procedures. Trained foreman in the effective use of mechanical and engineering technology. Coordinated the development of a computerized maintenance management system.

ADMINISTRATIVE EXPERIENCE

1986-Present, *DIRECTOR OF ENGINEERING AND MAINTENANCE*, Massachusetts Department of Mental Retardation, Hogan-Berry Regional Centers and Danvers State Hospital, Danvers, MA. (until 1989) Responsible for total operation of engineering and maintenance departments at three (3) facilities, and operation of two (2) power plants. Manage a staff up to 75 employees with an annual operating budget up to \$6M.

1/85-12/85, *SUPERVISOR PLANT MAINTENANCE/PIPE FITTING*, General Dynamics, Quincy, MA. Responsible for total operation of maintenance pipe fitting department consisting of 16-34 pipe fitters, plumbers and air conditioning technicians maintaining 200 buildings on 180 acres. Additional responsibilities included supervision of electricians, mechanics, carpenters and laborers.

12/84-1/85, *ASSISTANT CHIEF ENGINEER*, Offshore Logistics, Amelia, La. Responsible for preparing ship for ocean travel.

3/83-8/84, *ASSISTANT ENGINEER*, Nicor Marine, New Orleans, LA. Maintained air conditioning and refrigeration systems; operated and maintained diesel electric SCR System, 4-1800 hp Drive motors, 5-900 hp Detroit Diesel Generators; operated and maintained all pumps aboard ship; operated generators on/off line depending upon ship's power requirements.

11/82-2/83; 4/82-7/82, *CONTRACTOR*, Edwards Contracting Co. Belmont, MA. Performed home improvements.

12/81-4/82, *THIRD ASSISTANT ENGINEER*, Lykes Bros. Steamship Co. New Orleans, La. Operated and maintained all ship's propulsion and engineering facilities including steam and electric pumps, water tube boilers, turbines, evaporators and refrigeration equipment
