

FULL SERVICE VALVE MAINTENANCE

As a full service integrated valve and actuator maintenance company, BHI Energy performs preventative and predictive maintenance services and diagnostic testing on valves and motors of all manufacturing types. We leverage our industry-recognized training programs, integrated project management approach and our First-Time Quality process to ensure that our customers' most complex valve projects are completed on time and on schedule.

WHY BHI ENERGY?

OPERATIONAL LEADERSHIP

BHI Energy differentiates itself from our competition with a leadership team comprised of utility line managers with extensive maintenance and operations experience in the commercial nuclear industry that undergo a rigorous leadership training process. This direct "hands-on" utility experience is essential to the planning, execution, and on time delivery of complex projects.

INDUSTRY LEADING TRAINING & QUALIFICATION PROGRAM

BHI Energy has an INPO modeled performance-based technical training and qualification program with EPRI AP-3 compliance certification. This approach improves quality while reducing cost to the utility by mitigating on-site qualification activities. Duty-area cross-qualification exists to enable technicians to support both actuator as well as in-body valve repairs: reducing overall resources requirements and outage costs.

PROJECT MANAGEMENT

BHI provides an integrated planning and project management system to safely execute any valve project on schedule and on budget. Our integrated process includes in-depth pre-planning, comprehensive project reviews, risk assessments and contingency development.

SUPERIOR RECRUITMENT & RETENTION

BHI Energy possess one of the industry's top recruiting organizations comprised of twenty full-time recruiters staffing greater than 8000 professional & craft positions during peak outage seasons.

FIRST TIME QUALITY

BHI implements a rigorous First Time Quality™ process that augments site work instructions and procedures to ensure that component-level risk assessments are conducted and mitigating strategies developed.



CORRECTIVE & PREVENTIVE VALVE SERVICES

MAINTENANCE

MECHANICAL

AIR OPERATED

MOTOR OPERATED

MAIN STEAM ISOLATION

WELDING



BHI
energy

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Pursuing Excellence
through
**THE GOLD
STANDARD**

Safety First
First Time Quality
Innovation
Partnership
Accountability



BHI
energy

Valve Services

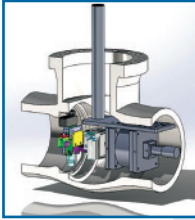


VALVE SERVICE CAPABILITIES

MECHANICAL VALVE CAPABILITIES

Corrective and preventive maintenance on all types of gate, globe, check, ¼ turn, pressure relief valves including:

Bonnet and flange refacing & restoration
In-place seat removal and replacement or restoration



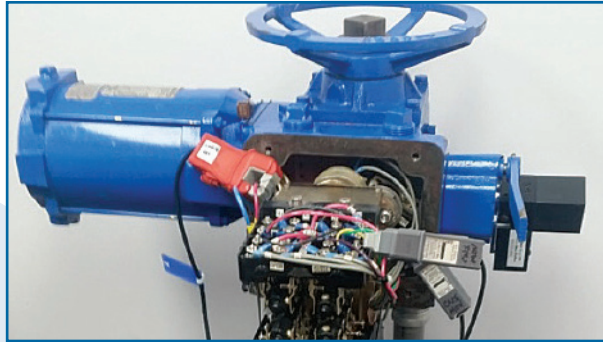
- In-body and pressure boundary weld repair IAW ASME Section XI
- Wedge replacements, weld repair, and machining fit up
- Automatic welding capabilities
- Mobile machining centers with full turning, milling and repair capabilities
- Small and large bore valve weld replacement
- Leak management and repacking program support and development

AIR OPERATED VALVE CAPABILITIES



Service on all brands of air operated control valves, their actuators, and accessories, including:

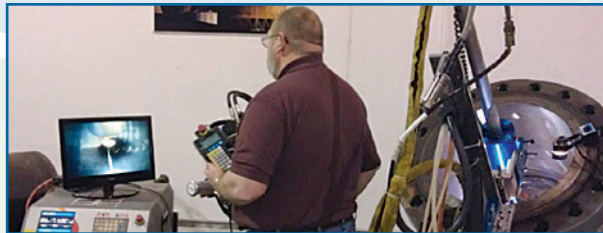
- Refurbishment of actuators and valves
- Bench setting and calibration
- Repair and replacement of accessories
- Integrated I&C maintenance providing complete managed task
- Diagnostic testing using all major testing platforms including VOTES Infinity®, QuikLook®, and Flowscanner®



MOTOR OPERATED VALVE CAPABILITIES

Extensive experience in all phase of Limitorque and Rotorque® motor operator including:

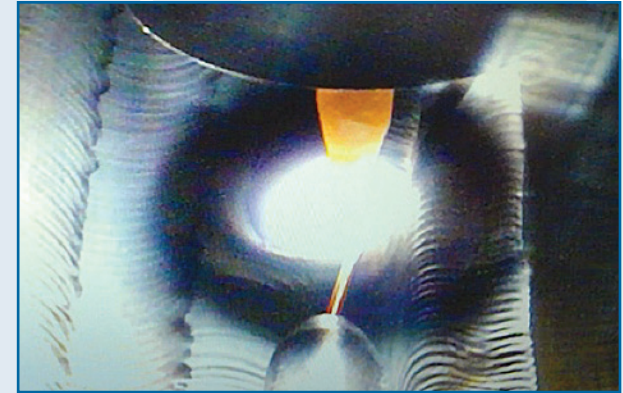
- All phases of preventive and corrective maintenance of motor operator
- Setting of limit and torque switches
- Associated electrical maintenance to MCC's and associated breakers
- Diagnostic testing using all major testing platforms including VOTES Infinity®, QuikLook®, and Flowscanner®



MAIN STEAM ISOLATION VALVE CAPABILITIES

BHI Energy offers full turnkey MSIV services including:

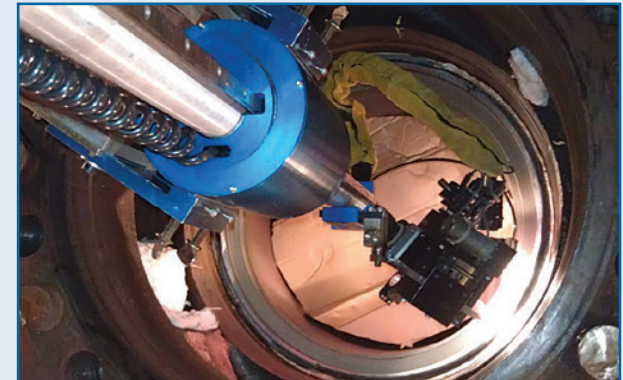
- In-body machining with one time machine set up
- 3 axis computer mapping of internal surfaces
- Proven GTAW automatic welding
- Seat weld repair, machining and lapping
- Guide rib weld build up and single point oscillation machining
- 8x camera magnification



WELDING CAPABILITIES

BHI Energy's specialty welding can support all facets of valve repair giving a depth of capabilities not found in other valve maintenance companies including:

- 540 welders qualified to the program
- In-house testing, training and qualification
- PQR, WPS, WPQ per ASME Section IX
- 10 CFR 50, Appendix B and ASME NQA-1 compliant quality program
- Code Certificates of Authorization "S", "U", and "R"
- NDE per ASME Sections III, V & XI, SNT-TC-1A



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