

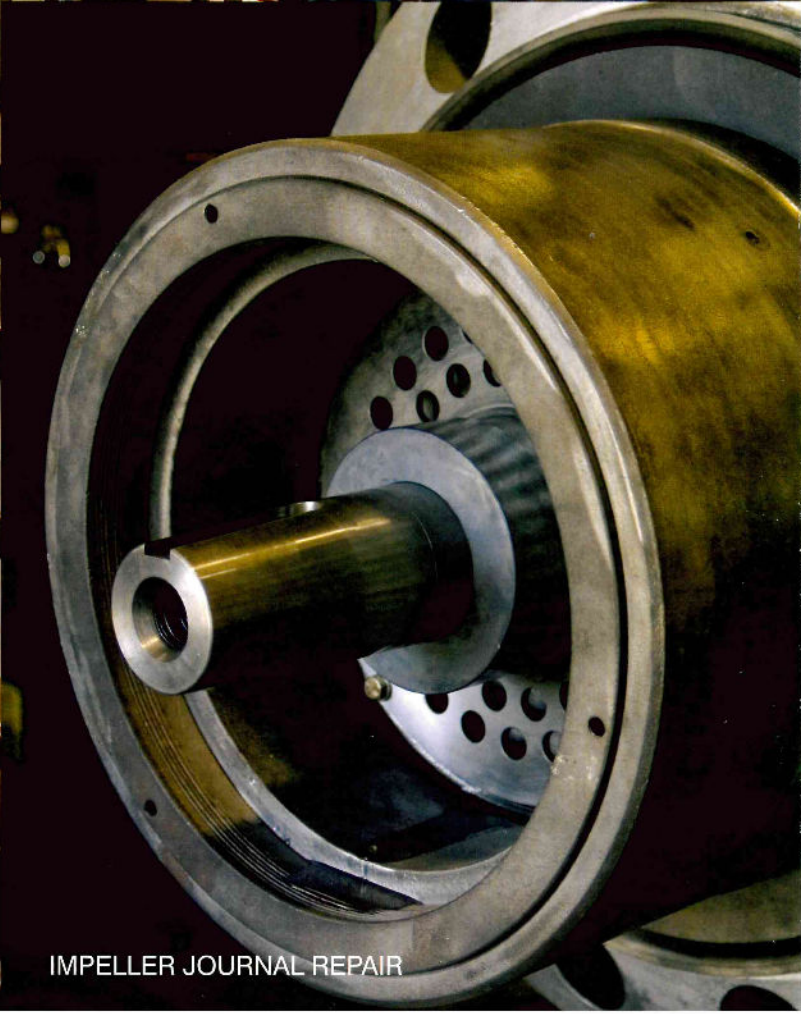
BOILER WATER CIRCULATING PUMP MOTORS



SUN-STAR ELECTRIC, INC.

A large industrial machine shop with workers and a massive vertical component. The scene is dimly lit with overhead industrial lights. A worker in a dark shirt and jeans stands on a metal platform, looking towards the machinery. Another worker is visible in the background, operating a control panel. A massive, cylindrical vertical component dominates the left side of the frame. A metal staircase with a handrail leads up to the platform.

FULL MACHINE SHOP CAPABILITIES

A close-up view of an impeller journal repair. The image shows a large, cylindrical metal component with a central shaft. The shaft is being worked on, and the surrounding area is filled with metal shavings and debris. The lighting is focused on the work area, highlighting the intricate details of the repair process.

IMPELLER JOURNAL REPAIR



Sun-Star Electric began repairing wet-winding submersible electric motors for the water well industry in 1977. Tooling-up for expansion into the repair of the Power Industry's wet-winding Boiler Water Circulation Pump Motors was a simple and logical step. The existing expertise and facilities for repair and manufacture of wet winding electric motors allowed a swift transition into the service of these units. Sun-Star Electric has performed repairs and modifications to all brands of wet winding and encapsulated Boiler Water Circulating Pump Motors.



Our Quality Assurance Program provides separate, detailed procedures for full disassembly/inspection, and repair/modification of the motors and associated equipment. From fasteners to lamination cores and castings, major component replacement is achieved with modern materials and techniques suited to the original manufacturer's design, fit, form, and function. Electrical, pressure, and no-load testing is performed on all units to meet current industry standards.



Upon completion of disassembly and examination of the unit, an inspection report and repair summary are generated and forwarded for review and approval by the customer. Reconditioned and new components are manufactured to meet operational, longevity, and outage time requirements of our customers.



SIZE OF MOTORS

Sun-Star Electric has serviced Boiler Water Circulating Pump Motors to 1200 HP. Our experience includes voltages to 6900 volts, 2 pole, 4 pole, and 6 pole speeds, both open-winding and encapsulated canned-type motors.



TURN AROUND TIME

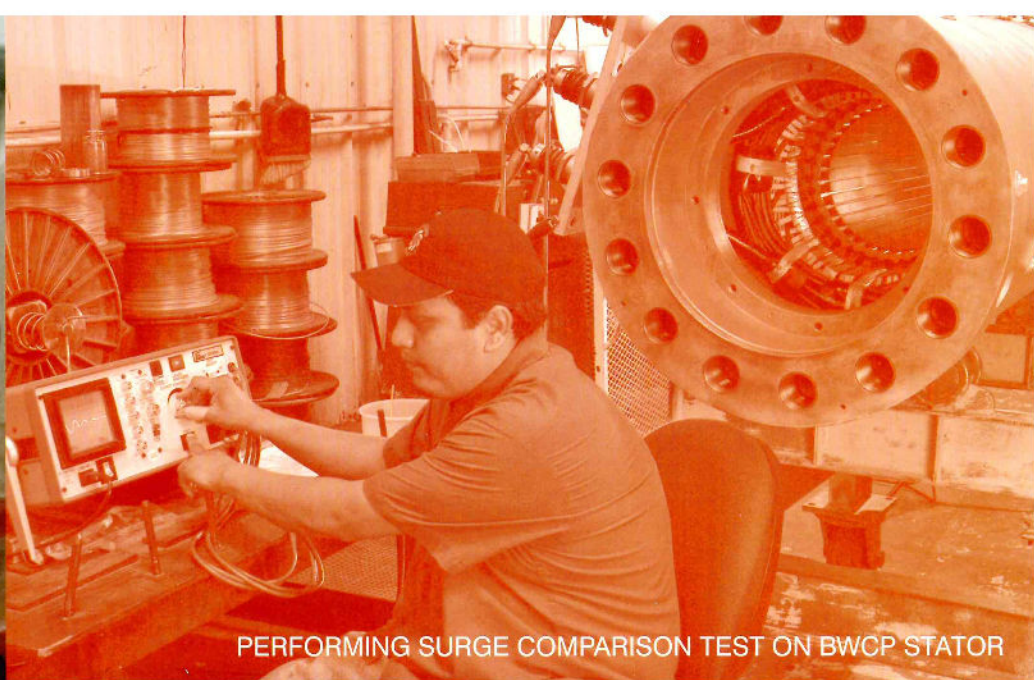
Repair procedures and schedules are arranged to match outage periods. During short outages, or in urgent situations, standard repairs can be expedited and rewinds can be accomplished on an emergency basis, often within one week.



PARTS

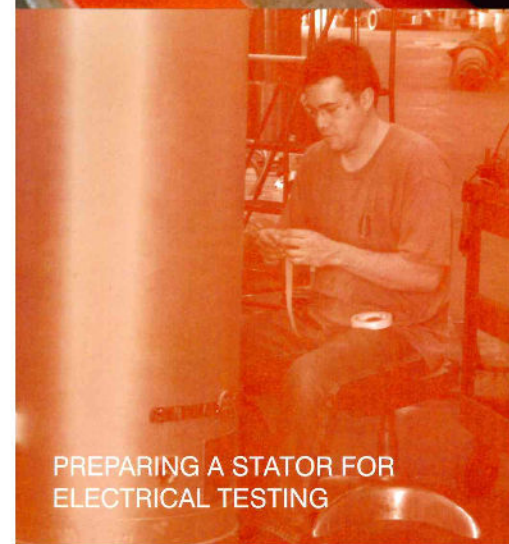
Frequently replaced components and materials are stocked for immediate use. New and reconditioned parts are fabricated to meet current industry and manufacturer's standards for material safety, health, and performance. Sun-Star Electric makes a concentrated effort to return non-standard parts to original manufacturer's fit, form, and function in order to reduce future repair costs and down-times.

SERVICE CENTER



PERFORMING SURGE COMPARISON TEST ON BWCP STATOR

ELECTRICAL TESTS ARE PERFORMED ON EVERY WINDING INCLUDING INSULATION RESISTANCE (MEGGER), HIGH-POTENTIAL, SURGE COMPARISON, AND CONTINUITY TESTS.



PREPARING A STATOR FOR ELECTRICAL TESTING



7722 West 34th Street
Lubbock, Texas USA 79407

Phone:
888-SUNSTAR
800-SUBWORK
800-782-9675
806-793-2812

FAX: 806-793-1989

E-Mail: sales@sunstarusa.com
www.sunstarusa.com



SUN-STAR ELECTRIC, INC.