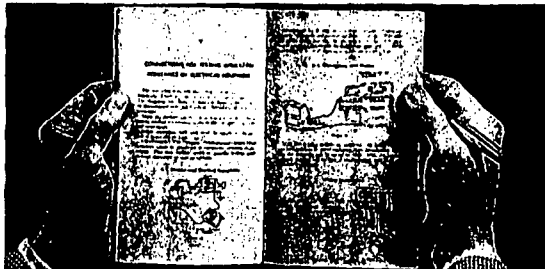


BIDDLE Instrument News



MEGGER® MANUAL

Tells You How To Test ELECTRICAL INSULATION
40,000 Copies Have Been Distributed

This 94 page manual is in demand by educators as well as practical electrical men. It covers subject of necessity to anyone who is responsible for electrical equipment. "Why Test Insulation Resistance?" "Preparation of Apparatus for Test" "Tests When Drying Out Wet Apparatus" "Temperature Correction" "Methods and Interpretation"

These are but a few of the 14 chapters that are built around the subject of testing electrical insulation resistance... and, of course, effective use of the Megger® Electrical Insulation Resistance Tester sold in the U. S. only by the James G. Biddle Co. Supply is limited. Please write on your company letterhead for INSTRUCTION MANUAL 21-J-P.

ELECTRICAL PREVENTIVE MAINTENANCE MATERIAL

Written by Practical Electrical Men

BULLETIN 21P8—"The Story of Electrical Insulation Resistance"

BULLETIN 21P9—"Maintenance of Industrial Electrical Equipment"

BULLETIN 21P10—"Cut Electrical Breakdowns"

BULLETIN 21P11—"Getting the Most From Insulation Resistance Measurements"

BULLETIN 21P12—"Preventive Maintenance of Electrical Equipment"

BULLETIN 21P16—"Motor Maintenance with a Check Chart for Alternating and Direct-Current Motors"

You can tell from Megger insulation tester readings if breakdown is going bad before it breaks down. Periodic readings provide the means for keeping your finger on the pulse of your electrical equipment, serve time and repair bills.

YOU MAY HAVE ONE OR ALL WITHOUT CHARGE

JAMES G. BIDDLE CO.

• ELECTRICAL TESTING INSTRUMENTS
• SPEED MEASURING INSTRUMENTS
• LABORATORY & SCIENTIFIC EQUIPMENT

1316 ARCH STREET
PHILADELPHIA 7, PA.

JAMES G. BIDDLE CO.
1316 Arch St., Philadelphia 7, Pa.

Please mail me: ☐ Bulletin 21P8 ☐ Bulletin 21P9 ☐ Bulletin 21P10
☐ Bulletin 21P11 ☐ Bulletin 21P12 ☐ Bulletin 21P16

Name _____
Job _____
Company _____
Address _____

More EQUIPMENT NEWS

hammer piston blow to turn the bit. The automatic drill bit rotation eliminates manually quarter-turning the drill and reduces operator fatigue. Syntroon Co., 492 Lexington, Homer City, Pa.

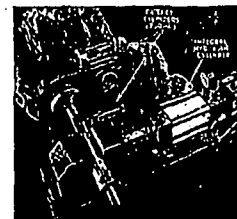
Engine-Driven Welder

153 • Light-weight engine-driven type EW-20 is equipped with complete engine accessories and auxiliary apparatus. Unit can supply 110-v, 60-cycle, 3-phase power from a conventional power outlet. Nominal rating of welder is 40 v, 60% duty cycle with range from 40 to 250 amp.

During off-welding periods, output power of 3 kw at 100% pf or 2 kw at 80% pf are available for lights and power. During welding periods about 300 w of light power is available for lights.

Coupled to a Ford 120, 4-cycle, 4-cylinder water-cooled industrial power unit, self-excited, compound-wound generator functions both as a dc generator and a single-phase alternator for auxiliary power. Welding current is controlled in ranges by a tap switch and ammeter rheostat. The ac power circuit has conventional outlets, a voltmeter, a breaker with overload protection. Westinghouse Electric Corp., Box 2, Pittsburgh 50, Pa.

For more data on these items, use postcard 163. Identify your request with item number.



Booster Powered Clamp

154 • Over 15 tons of clamping pressure is developed by using small hydraulic pump operating at 250 psi as power source. Fluid pressure booster with 6.25:1 ratio drives high-pressure hydraulic cylinder that gives final clamp pressure. The device is specially designed for piston assemblies, clamp offers advantages in clamping operations. Miller Motor Co., 2040 N Hawthorne Ave., Melrose Park, Ill.

Aluminum Paint

155 • Ready-mixed aluminum paint comes permanently bonded to any surface when subjected to heat from 100 to 1600 F. The greater the heat, the more permanent the bond because Super-

COAL ON THE MOVE



Jeffrey Belt Conveyors are used for long hauls—both horizontal and on the incline. Jeffrey Steel Apron Conveyors (left) for large capacities and short hauls. Both available in widths to suit requirements.

When most people think of coal they think of Jeffrey. That's a good habit to get into for Jeffrey moves a lot of coal in a year's time by some method or other. Two ways are shown here... two ways of moving large tonnages day after day.

If you want to speed coal for other loose bulk material on its way—tell us about it. Likely we have worked out the best possible way to do it, using hundreds of installations in the past. Your handling problem may be different. Give us a chance at it. Our engineers will be glad to help you. Write today.

THE JEFFREY

Complete Line of
Material Handling,
Processing and
Mining Equipment

MANUFACTURING COMPANY Established 1877
932 North Fourth St., Columbus 16, Ohio

Baltimore 2	Boston 16	Cincinnati 1	Detroit 13	Houston 2	New York 7	St. Louis 1
Beckley, W. Va.	Buffalo 2	Cleveland 13	Ft. Worth, Pa.	Jacksonville 1	Philadelphia 11	Salt Lake City 1
Birmingham 1	Chicago 2	Denver 2	Hawthorn, Ky.	Milwaukee 2	Pittsburgh 22	

Jeffrey Mfg. Co., Ltd., Montreal, Canada
British Jeffrey-Diamond Ltd., Wakefield, England
Jeffrey-Gallien (Pty.) Ltd., Johannesburg, S. A.
The Kilbourne & Jacobs Mfg. Co., Columbus, Ohio

