

Panning, Harry. Automatic feeding of woodwaste to hand firing. 4206.
 Farmer, D. J. Frequency of elevator rope re-socketing. 807b. Trouble with steam pump.
 Pearce, M. H. Four tanks make effective gas drier. 500a. Line chafing sleeve prevents scoring. 426. Sheet-metal housing protects outdoor motor. 4176. Valve-lap braces overcome bumping. 4111.
 Pettit, A. R. & F. W. Myers. Use of house turbines marks design of Philadelphia's Southwark Station. 4134.
 Podmayer, E. Clean out nipples without shutting down the main. 4485.
 Porter, J. C. Automatic alarm board helps busy operators. 2423. Saving steam from curing cylinders. 221b. Underground waterproof concrete tank. 419.
 Puts, T. J. 1320-P 2000-hp gas turbine runs on test stand for over 1000 hours. 4190.

RANDALL, H. J. London plans first oil-fired central station in Britain. 7289.
 Ray, Floyd J. Trouble with steam pump. 648.
 Riss, N. L. Here's how to repair a large rotor on its shaft. 2325. A little heat eases pressure rotors on their shafts. 4302.
 Rawalt, John K. Apply right gear to the job to get longer service. 2344.
 Reynolds, T. W. Department stores require flexible air conditioning. 4320.
 Richardson, H. How to figure unburned carbon. 451.
 Rivers, H. M., J. M. Welch & C. J. Kilduff. Internal conditions of old boilers guide water treatment for new units. 4342.
 Roberts, E. A. Can I turn down a squirrel-cage rotor? 1826. Checking for phase reversal. 500. Emergency pump repairs time concrete. 4643.
 Roebrough, J. D. 3800-rpm fluid drives adjust load-pump speed to boiler load. 412.
 Rowley, L. N. Modern diesel engines. 4100.
 Rowley, L. N. & J. C. McCabe. Cut smoke by proper jet application. 4070. How overfire rate can be made to cut smoke. 4322. Underfed stokers are meant to operate smoke-free. 4294. Want your overfeed stoker to be smoke-free? 4158. What part does pulverized coal firing play in air pollution? 414.
 Rowley, L. N., J. C. McCabe & B. C. A. Skrotzki. Puts and fring. 7258.
 Ruff, A. W. Feedroom doors need heat. 2201.
 Rumble, Frank H. How to select the most economical V-belt drive. 7287.

ST. LAURENT, ALFRED. Can I turn down a squirrel-cage rotor? 178.
 Schaeffer, Charles A. Why does one cooling tower take more air? 112.
 Schmidhauser, Hans. Shortcut to making pipe elbow developments. 4488.
 Sims, J. Bryan. Extension up Grand Haven diesel plant to 13,370 hp. 4482.
 Skooglund, A. C. How to avoid costly shutdowns through correct lubrication. 4165.
 Skrotzki, B. C. A., J. C. McCabe & L. N. Rowley. Puts and fring. 7258.
 Smith, Dexter M. Log shears enable quick record keeping. 4245.
 Sparks, J. Checking for phase reversal. 509.
 Spencer, R. O. Frequency of elevator rope re-socketing. 797.
 Squires, J. H. Stopping belt slippage on flywheel. 47.
 Steinberg, M. J. District steam supply makes byproduct energy. 2297.
 Stepanoff, A. J. Adjustable vane watch pumps to operating requirements. 4123.
 Sterrett, Elton. Continuous walkway saves climbing. 4435. Plan for extension in power-plant design. 448. Sampling box simplifies testing. 4713. Sediment trap improves performance of regulating and recording instruments. 4795. Slip joints prevent expansion troubles. 4642. Yard pipeline crossing promotes safety. 4304.
 Stojan, Vincent. Trouble with steam pump. 657c.
 Way to remove sluffing. 507.
 Suha, O. H. & H. D. McArthur. Rebuilt steam turbines modernize this twenty-year old power plant. 476.
 Sumner, V. C. Frequency of elevator rope re-socketing. 797.

THUMAN, JOHN B. Accumulator helps carry peak load. 4432. Plug-type cap holds shaft sleeve in place. 2307. Saving steam from curing cylinders. 309.
 Tukey, R. W. & J. W. Blake. 2500-kw gas turbine raises station capability by 6000-kw. 4018.
 Turner, W. D. Charts simplify chemical dosage for treating boiler feedwater. 2447.
 UELINO, EDWARD. Extra valve improves maintenance procedure. 4495.
 Ulmer, R. C. Rid water of dissolved gas to stop corrosion. 4691. Why inorganic materials precipitate. 2333.

VAN NERK, P. Checking for phase reversal.
 von Danenberg, C. O. Calculating slipping-motor resistance. 2356. Can I turn down a squirrel-cage rotor? 177.

WALLER, FRANK O. Purchased power held under control aids process plant. 4252.
 Warner, W. E. Can I turn down a squirrel-cage rotor? 100a.
 Webb, Thomas L. B. & J. D. Yoder. Hydrogen-sulfide treated water dissolves boiler, superheater scales. 425.
 Webber, E. R. Saving steam from curing cylinders. 2316.
 Weisenbach, Fred W. Why does one cooling tower take more air? 112.
 Welch, J. J. Bridge-like truss supports stack breeching. 304.
 Welch, J. N., H. M. Rivers & C. J. Kilduff. Internal conditions of old boilers guide water treatment for new units. 4342.
 Wenig, Arthur J. Saving steam from curing cylinders. 221a. Why does one cooling tower take more air? 112a.
 West, W. J. Controls make hydro-pneumatic tanks. 452b.
 White, Dalton. Simple aspirators reduce CO₂ in makeup water. 5507.
 White, R. M. Burn sulphur instead of using sulphuric acid. 4178. Existing tank provides needed storage. 4305.
 White, R. N. Muffing deaerator vent is boon to operators. 5508.
 White, Ralph. Trouble with steam pump. 648.
 Whitlow, I. H. Air-jet motor cleans scale off boiler-tube starters. 4712.
 Wierboldt, W. H. Universal tank-capacity scales. 4487.
 Williams, D. Grooved ring stops oil leakage along shaft. 4788.
 Wilkes, C. A. How to stop pound in a Corliss engine. 4428.
 Williams, J. S. Caspactore improves pf and cut costs. 4718.
 Willock, George. Waterwheels operate 100 years. 4185.
 Wilson, A. L. Surface water made fit for boilers. 2283.
 Wilson, James. What the synchroscope does and how it works. 4140.
 Winget, R. W. Saving steam from curing cylinders. 309.
 Woodman, W. C. Rotary or Steam-Jet Air Pump. 4470.
 Wyborn, W. A. Stopping belt slippage on flywheel. 885.
 YAVITCH, J. Saving steam from curing cylinders. 3216.
 Yoder, J. D., R. Y. Carbonier & A. H. Morris. Removal of silica in a sludge-blanket hot-process solution. 2209.
 Yoder, Joseph D. & T. L. B. Webb. Hydrogen-sulfide treated water dissolves boiler, superheater scales. 425.

N. K.