

- Adair, R., and Company Limited, 63  
 Adye, F. A. C., 59  
 Albert Memorial, 6  
 Alexander, P., 91  
 Alien, C. E., 98  
 Allsebrook, W. E., 100  
 Amateur Dramatic Society, 51  
 Anchor Cable Company Limited, 18, 52 Anchor Works, 18  
 Andrews, P. V., 98, 101  
 Anne, H. R. H. the Princess  
 Arman, Dr. A. N., 39, 47, 89  
 "Asdic", 18, 20  
 Ash, D. O., 106  
 Athletic and Social Club, 50, 69, 82  
 Austin, K., 100, 101  
 Australian Institute of Electrical Engineers, 17
- BBC Television Centre, 11  
 Bailey, J. C., 92  
 Bangay, A. J., 93, 95, 97, 98  
 Banks, J., 80, 81  
 Banks, V. A. A., 106  
 Beales, K. J., 108  
 Bhattacharya, S., 106  
 B.I.C.C., 65  
 Bird, T. I., 97  
 Birks, J. B., 93  
 Black, Dr. R. M., 66, 90-100, 102, 103, 107, 108  
 Blythe, A. R., 108  
 Boardman, A., 106  
 Bolton, Thomas, and Sons Limited, 52  
 Bonikowski, Z., 95  
 Booker, Mr., 51  
 Bradbery, G. H., 28  
 Brazier laboratory, 11  
 Brazier, Dr. I. G., 24, 26, 37, 42, 47, 53, 59, 60, 63, 64, 69, 76, 79, 89, 90, 91, 93, 95  
 Brazier, K. S., 24, 42  
 Breakdown, investigations of mechanism of, 37  
 British Insulated Cables, 64, 65  
 British Insulated Wire Company, 6  
 British Intelligence Objectives Sub-Committee, 69  
 Bungay, A. J., 101  
 Bungay, E. W. G., 104  
 Buoyant cable, 53-57  
 Burford, Oxfordshire, 49  
 Burger, Dr. F. J., 69, 91  
 "Bush Telegraph", 69  
 Bush, J. D., 108  
 Butler, A. S., 21, 29, 42
- Cable Makers' Association, 52  
 Cable, buoyant, 53-57; gas impregnated, 39; tensioning of, 26; three core 66 kV, 24  
 Cables, "clover leaf" construction, 5; coaxial, 60; compound impregnated gas pressure, 39, 47; gas pressure (direct), 39; gas pressure (indirect) 39; H type, 25; H. S. 1. type, 25; oil-filled, 27; oval conductor, 27; paper insulated (belted type), 20; "sector" construction, 5; telephone (testing off), 21; vulcanized bitumen (V. B.), 17  
 Caine, P. M., 101
- Callan, T. R., 104  
 Callender Bitumen Telegraph and Waterproof Company, 17  
 Callender Company, 27  
 Callender and Sons, 15  
 Callender's Cables and Construction Company Limited, 13, 17, 51, 64  
 Callender, James, 17, 18; death of, 19  
 Callender, Thomas, 15-17; Sir Thomas, 19, 20, 24, 42, 45; death of, 51; 52  
 Callender, William Ormiston, 15, 16, 18  
 Callender, William, 15, 16  
 Carter, T. J., 105  
 Cave, E. C., 101  
 Central Library, Hammersmith, 12  
 Central Line, 68  
 Chadwick, D., 105  
 Chan, G. D., 102  
 Chapman, J. E. G., 107  
 Charing Cross Company, 8  
 Charing Cross Electric Supply Company, 22  
 Charlesby, A., 91, 93, 94  
 Cheval Place, 5  
 Clarke, 50 A., 96  
 Coles, E. I., 92, 93, 100  
 Condon, J. C., 28, 51  
 Constandinou, T. E., 106  
 Cooke, E. I., 105  
 Cooper, D. M., 108  
 Counsell, J. A. H., 97, 99, 106  
 Covent Garden Opera House, 16  
 Cozens, T., 106  
 Crompton Parkinson, 51  
 Crook, M. A., 95, 96  
 Cross, P. E., 96, 97
- D'Rosario, I. O., 101  
 Dave, R. P., 107  
 Davies, H. E. H., 98  
 Davies, R. I., 92  
 Davis, N. E., 28, 102  
 Dean, N. S., 104  
 "Delon" mechanical rectifier, 21  
 Dennis, M. R., 106  
 Dey, P., 99-101, 103, 106  
 Double-L sweep, 54  
 Drinkwater, B. J., 100, 101
- Edinburgh, Prince Philip, Duke of, 75-78  
 Edney, K., 99  
 Edwards, D. R., 97-100  
 Egan, J., 107  
 "Elastikon", 16  
 Electrical Research Association, 45  
 Electricity Act 1925, 12  
 Endacott, J. D., 80  
 Enfield Cable Works, 52  
 Erith, 16  
 Eve, M., 105  
 Eynham Farm, 67  
 Eynham House and Farm, 2  
 Ezard, G., 90

## INDEX

- Faraday building, 6, 8  
Farmer, Dr. A. Ro, 81, 108  
Farr, D. S., 94  
Fell, P., 107  
Ferranti transformers, 33, 36  
ffitch, K. W., 95  
Fielding, F. J., 107  
Fisher and Atkinson, 38, 39  
Flannery, Sir J. Fortescue, 18, 42, 45, 47  
Fox, M., 97, 99, 100, 102, 105-108  
Franco-British Exhibition, 11
- "Gabrielle" (hot-air balloon), 83  
Gaylard, B., 100, 105, 106  
Gibbon, R. R., 106  
Gibson, F. G., 93  
Gilbert, G., 98, 99  
Ginsburg, K. M., 93  
Glover, W. T., and Company Limited, 52  
Goldberg, J. L., 98  
Goldring, A. G., 101  
Gooding flash-meter, 22  
Goading, H. T., 89  
Gosland, L., 104  
Graham, A., 62  
Graneau, P., 93-97  
Great Western Line, 3  
Gregory, P., 92, 93, 95, 97, 98, 101, 103-105  
Grigsby, Ro, 99-102  
Groomridge, D. R., 103
- H. T. slide wire bridge, 22  
Hagger, J. M. R., 102, 104  
Haigh, Professor B. P., 54  
Hall, H. C., 28, 42, 91, 92, 94  
Hall, M. M. J., 100  
Hamilton, G. M., 38, 42, 69  
Hammersmith Borough Council Station, 12  
Hammersmith Central Library, 12  
Hammersmith and City Line, 3  
Hancock, D. C., 66, 90  
Hanson, R. H., 97  
Hargreaves, J. E., 97, 98  
Harris, P. H., 91, 93  
Harriss, V. G., 92  
Hart, F. de B., 51  
Hartshorn, P. R., 28, 48, 51, 72, 99, 101  
Hasler, E. F., 90  
Hawley, W. G., 72, 90  
Hazelden, R. J., 108  
Henley's, W. T., SS, 57  
Hensel, P. C., 105  
Heyda, P. G., 98, 99, 101, 104, 107  
Hill, A. M., 105  
Hinde, R. M., 92, 93, 100, 103, 105  
Hipperson, A. J., 91  
Hippodrome Racecourse, 3  
Hochstadter patent, 20, 25  
Hollingsworth, D. T., 91  
Hollingsworth, P. M., 101-105  
Home Guard, 60  
Hot-air balloon ("Gabrielle"), 83  
Howell, B. G., 102  
Huddart, P. S., 103  
Hunter, P. V., 19, 20, 23, 24, 29, 42, 45, 47, 64, 69; death of, 76
- Irish, F., 101
- Jablochkoff candles, 16
- K.E.M.A. Testing Organization, 48  
"Kalodent" press, 60  
Kang, I. K., 96  
Keefe, E. J., 90, 91  
Kelk, E., 92, 97, 103  
Kellett, E. A., 92, 93  
"Kenetron" valve, 21, 22  
Kennard, Sir William, 16 .  
Kensington Court Company, 5  
Kensington Court, 5  
Kensington Vestry, 5  
Kensington and Knightsbridge Electrical Lighting Company Limited, 5  
Kensington and Notting Hill Electric Light Company, 5, 12  
Kent, A. H., 104  
King Edward, 11  
King, W. T., 92  
Kiralfy brothers, 12  
Kitchie, G. E., 104, 195  
Kitchin, F. B., 90  
Knipe, C. D., 107
- Langmaid, R., 92  
Latin, Dr. A., 69, 90-92  
Layzell-Ward, G. A., 102  
Lester, M. J., 105  
Linford, R. M. F., 97  
List, C. F., 99  
London Power Company, 12, 13, 29, 66  
Lorch, H. R., 66  
Ludgate Circus, 22  
Lyons, B. J., 92-96
- Magenta dye test, 38  
Magnetic mine, 53  
Majewski, H. A., 101  
Malyon, D. J., 105  
Margolis, Dr. D. S., 80, 81, 101  
Mather, E. L., 104  
McAllister, D., 97  
McAllister, P. B., 98, 100, 105  
McCallum Deighton, J., 96  
McFadzean building, 11  
McFadzean Laboratory, 50, 62, 66, 72, 75, 81, 83  
McFadzean, Sir William (later Lord), 76  
McNeill, Dr. P. C., 80  
Melsom, S. W., 24  
Melville, D. R. G., 102  
Merz and McLellan, 19  
Merz, Charles, 19  
Merz-Hunter, 20  
Metcalf, A. W., 51, 89  
Metropolitan Electric Company, 21  
Metropolitan Line, 3  
Midwinter, J. E., 105  
Mochlinski, K., 104  
Moore, Dr., G. F., 81

## INDEX

- Morris-Goodall, Mr., 51  
Mott, C. W., 100  
Munro, B. S., 97  
Murphy, F. M., 107  
Murray loop test, 22
- Nelson, B. P., 105  
Ness, D. E. M., 107, 108  
Nicholson, J. A., 100  
Noble, B. S. ("Ted"), 69  
Notting Hill Electric Light Company, 5  
Nugent, H., 97
- "Oaklands", 15  
Oakshott, D. F., 90  
Okonite-Callender Company, 59  
Olympic Games 1908, 12  
Open Day 1949, 69, 71  
Orlowski, P. P., 95  
"Ormiston House", 16  
Ormond Yard, 21, 24, 26-29  
Outside Testing Department, 21, 24, 29, ~2
- Page, E. B., 92  
Paris, R., 95  
Parr, D. T., 106  
Parr, R. G., 101  
Philip, Prince, Duke of Edinburgh, 75-78  
Picardy Works, Erith, 19  
Pilpel, N., 92, 94, 96  
Pinching, A. A., 103, 104, 107  
Pipkin Cup, 51  
Plessner, K. W., 100, 105, 107, 108  
Pointer, B. R. O., 103  
Powell, A. H., 99, 106  
Power's Dancing Elephants, 28 Pritchett, J., 104  
Proctor, F. H., 99  
Pross, A. W., 90  
Proud, S. H. R., 100, 101  
Puckowski, R. T., 102, 103
- Radar components, 60  
Raw, P. M., 97, 103  
Rawlings, Alf, 36  
Redmonds, B. E., 102  
Research Department, 24, 28, 29, 66  
Research Laboratories, 42, 45, 56  
Reynolds, E. H., 79, 80, 94, 96, 97, 99, 102, 103  
Rhodes, R. G., 96, 97  
Ricketts, C. G., 101  
Ritchie, J., 93  
Robeson, C. R., 101  
Robinson, Dr. D. M., 36, 89  
Rogers, E. C., 92-94, 96, 98, 99, 101, 102  
Rose, H. E., 92  
Rothman, M., 102, 104, 105  
Roworth, D. A. A., 108  
Rubber shop, 50  
Ruben, J. T., 103, 106  
Russek, R. M., 91  
Rutherford, Lord, of Nelson, 41, 42, 43, 44, 45
- Sarker, A., 108  
Schering bridge, 37  
Scott, P. R., 101, 104  
Seebold, R. J. A., 96  
Shepherds Bush Central Line Underground Station, 12  
Skipper, D. J., 92, 94  
Slaughter, R. J., 95, 96, 98-100, 102, 104, 106-108  
Smith, F. S., 24, 42, 89  
Snook mechanical rectifier, 21  
Sos, F., 90  
Spicer, C. H., 96  
Sporing, P. A., 93  
Stannard-Powell, S. J., 106, 108  
Starr, A. T., 89  
Stern, J. R., 105  
St. Helens Cable and Rubber Company, 52  
St. Petersburg, 16  
Strong, N. G., 102  
Sulzer engine, 12  
Surge generator, 2 million volt, 72  
Swann, S. A., 94
- Taylor, J. E., 104-106, 108  
Tempest, S. A., 28, 51  
Temple-Hazel, Mr., 51  
Tester, D. A., 92  
Thackray, G. J., 107 Toop, D. J. F., 103  
Trinidad Lake bitumen, 15  
Tull, V. F., 91  
Turvens Lane, 1
- Urmston, J., 21-24, 42, 46, 59, 89
- Verne, S., 80, 102-104  
Vincent, Dr. R. S., 69
- Wales, Prince and Princess of, 11  
Walker, F. S., 96  
War, outbreak of, 53  
Watson, J. F. ("Long John"), 24  
Wave guides, 60  
Wells, R. J., 99  
Westinghouse metal rectifier  
West London Railway, 3  
West, M. B., 101  
White City Central Line Station, 63, 67  
White City Stadium, 11, 12  
White City Underground Line, 2  
Wilkinson, F., 105  
Willets, T. A., 98  
Williams, A. L., 91, 94, 95  
Williams, Dr. A. L., 73, 79, 80  
Wills, G. B., 92, 107  
Wilson, I. O., 97, 103, 107  
Wilson, L. B., 90  
Wood Lane Power Station, 5-13, 29, 36  
Woods, R. J. G., 93  
Wootton, R. E., 91  
Wright, J. V., 105