

# *Publisher's announcement*

## Proceedings of a symposium on Mix Design and Quality Control of Concrete

edited by Dr. Ralph P. Andrew

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The Proceedings of the Symposium on Mix Design and Quality Control of Concrete held in London on 11–13th May 1954 have now been printed and are available from the Cement and Concrete Association, price 45s (\$9.50) post free. The Proceedings form one royal octavo volume of xvi + 548 pages with 121 diagrams and photographs,

and contain both the original papers presented at the Symposium (22 in number) and the discussion which took place during the sessions, together with several written contributions and the considered replies by the authors to the points raised in the discussion.

The following papers were presented at the Symposium.

### Session A

1. Basic principles of concrete mix design  
by J. D. McIntosh
2. Concrete mixes for various building purposes  
by N. Davey

### Session B

3. Design of high-strength concrete mixes  
by H. C. Erntroy and B. W. Shacklock
4. The design of concrete mixes on the basis of flexural strength  
by P. J. F. Wright
5. Mix design and abrasion resistance of concrete  
by C. L. a'Court
6. Mix design for frost resistance  
by A. R. Collins
7. Design of concrete mixes for compaction by surface vibrators  
by R. H. H. Kirkham
8. The effect of the vacuum process on concrete mix design  
by D. F. Orchard
9. Steam curing and its effect upon mix design  
by A. G. A. Saul
10. A classification of natural sands and its use in concrete mix design  
by A. J. Newman and D. C. Teychenné

### Session C

11. The control of concrete quality: a review of the present position  
by F. N. Sparkes
12. Methods of achieving control of quality  
by L. J. Murdock
13. Control of concrete quality on the small site  
by J. H. Spanton

Session D

14. Quality control and its effect on structural design  
by F. G. Thomas
15. Quality control for precast concrete  
by F. Cornelius
16. Economic factors in the choice of aggregate grading in relation to quality control  
by D. A. Stewart

Session E

17. Quality control for road and airfield construction  
by J. M. Fisher
18. Quality control for mass concrete with special reference to dams and related hydraulic structures  
by William Dick
19. Ready-mixed concrete; quality control refinements  
by L. Boyd Mercer

Session F

20. Some problems involved in destructive and non-destructive testing of concrete  
by R. Jones and P. J. F. Wright
21. The application of statistics to concrete quality  
by F. R. Himsworth
22. Methods of specifying concrete  
by A. R. Collins

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