

AS 3610 Supplement 1—1995

**Formwork for concrete—Blowhole
and colour evaluation charts
(Supplement to AS 3610—1995)**

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The following interests are represented on Committee BD/43:

Aluminium Development Council
Association of Consulting Engineers, Australia.
Australian Federation of Construction Contractors
Australian Precast Concrete Manufacturers Association
Austroads
Cement and Concrete Association of Australia
CSIRO, Division of Building, Construction and Engineering
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PREFACE

This Supplement was prepared by the Standards Australia Committee on Formwork.

The Supplement is identical in technical content to Appendix B in AS 3610—Formwork for concrete, but differs in that additional copies of the photographic charts for surface finish and colour control are provided.

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APPENDIX B
BLOWHOLE AND COLOUR EVALUATION CHARTS

(This Appendix forms an integral part of this Standard.)

B1 BLOWHOLE EVALUATION CHART. The photographs in Figures B1 to B3 shall be used in accordance in Clauses 3.4, 3.6 and 5.6 Photographs are in pairs consisting of—

- (a) a general photograph at scale 1:5 which gives a clear idea of expected variation in blowhole size and distribution; and
- (b) a close up photograph at scale 1:1 showing an area which is representative of the general photograph.

The photographs, in conjunction, set limits of acceptability in each of Classes 1, 2 and 3.

NOTE: It is possible that there will be small sections of the 1:5 scale photograph which exhibit a greater concentration of blowholes, or ones of larger size than are shown in the 1:1 scale photograph. This is consistent with the intention of Table 3.4.2.

B2 COLOUR EVALUATION CHART. The Chart in Figure B4 is suitable for use with most grey concretes as set out in Clauses 3.5, 3.6 and 5.6. Similar charts, or other suitable means, should be developed for use with other colours of concrete.