

Method of testing oil-fired rotary dryers for use in asphalt and coated macadam plant

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Co-operating organizations

The Road Engineering Industry Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government departments and scientific and industrial organizations:—

Air Ministry*	Federation of Coated Macadam Industries*
Asphalt Roads Association*	Federation of Manufacturers of Contractors
Association of Consulting Engineers (Incorporated)	Plant*
Ballast, Sand and Allied Trades Association	Institute of Petroleum
British Road Tar Association*	Institution of Civil Engineers*
British Tarpaviors' Federation*	Institution of Highway Engineers*
Cement and Concrete Association*	Institution of Municipal Engineers*
County Surveyors' Society*	Institution of Structural Engineers
D.S.I.R. — Road Research Laboratory*	Ministry of Transport and Civil Aviation*
Federation of Civil Engineering Contractors*	Road Emulsion Association*
	Roads Improvement Association

The Government departments and scientific and industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:—

Association of Road Surface Dressing Contractors	Limestone Federation
British Compressed Air Society	Ministry of Supply
British Engineers' Association	Ministry of Works
British Granite and Whinstone Federation	National Federation of Building Trades Employers
British Slag Macadam Federation	Reinforced Concrete Association
Contractors' Plant Association	Road Roller Manufacturers
D.S.I.R. — Building Research Station	War Office

This British Standard, having been approved by the Road Engineering Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council on 4 March 1954

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Foreword

This standard makes reference to the following British Standards:—

BS 63, *Single-sized roadstone and chippings*.

BS 594, *Rolled asphalt, asphaltic bitumen and fluxed lake asphalt (hot process)*.

BS 802, *Tarmacadam and tar carpets (granite, limestone and slag aggregate)*.

BS 812, *Methods for the sampling and testing of mineral aggregates, sands and fillers*.

BS 1241, *Tarmacadam and tar carpets (gravel aggregate)*.

BS 1621, *Bitumen macadam with crushed rock or slag aggregate*.

BS 1690, *Fine cold asphalt*.

BS 2040, *Bitumen macadam with gravel aggregate*.

The output of a mixing plant is often determined by the output of its drying and heating unit, and so far there has not been an accepted basis for measuring the performance of this unit under standardized conditions.

To meet this need the plant manufacturers, the plant users and the Road Research Laboratory (Department of Scientific and Industrial Research) have co-operated with the Road Engineering Industry Standards Committee, in the production of the present standard.

This standard provides a method of testing oil-fired rotary dryers of both continuous and batch types under conditions of composition and temperature agreed between the parties concerned.

When the user does not lay down particular conditions, the recommended test conditions given in Part 2 may be used to cover the production of rolled asphalt, coated macadam and fine cold asphalt. These recommendations also form a basis upon which a manufacturer can state the output of oil-fired rotary dryers.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 7 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.