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ABSTRACT

Production of cast concrete refuse chute or other cast concrete tubular construction

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The present invention concerns the production of a cast concrete refuse chute or other cast concrete tubular construction, such as a cast concrete refuse chute for use in multi-storey buildings.

10 An inner mouldpiece assembly for use in the production of a cast concrete refuse chute or other cast concrete tubular construction comprises at least two separable mutually complementary elongate components, shaped and sized to provide when assembled a tubular form having a longitudinal axis, at least one of said elongate components having a tapered form to permit removal of that component from the assembly in the axial direction.

15 When assembled, the mouldpiece may have a tubular form of substantially circular or rectangular section. After concrete cast between the inner mouldpiece and outer formwork is set, a load is applied to the tapered component(s) of the inner mouldpiece to break the concrete bond and allow simple removal of the mouldpiece component(s) in an upward axial direction.

20 The invention also concerns a method for producing a cast concrete refuse chute or other cast concrete tubular construction employing the inner mouldpiece assembly, and a construction produced by such a method.

(Fig. 14)



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