

SPECIFICATION NO. 1828

DATE

COPY NUMBER

BRITISH RAILWAYS BOARD

PROVISIONAL SPECIFICATION NO. 1828

AUTOMATIC REVENUE COLLECTION

CAR PARK CONTROL EQUIPMENT (PAY AND DISPLAY)

(i) FOREWORD

This specification supersedes all previous issues. It is issued by the Procurement & Materials Management
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(ii) CHANGES

No.	Reason for Change	Issue	Date
	First Issue	A	Feb. 81
1	Improvements following distribution for comment to Regions and to manufacturers.	B	June 81

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ISSUE A

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1. DESIGNATION

Automatic Revenue Collection - Car Park Control System.

2. SCOPE

This document specifies the technical requirements for a car park control system using pedestrian prepayment pay and display equipment.

3. PRECEDENCE & STANDING OF SPECIFICATION

In the event of conflict between the requirements of this Specification and any other document then this Specification shall take precedence.

It is for the tenderer to propose how the requirements contained in this Specification can be engineered.

In addition to making a proposal meeting the Specification, the tenderer is free to separately propose alternatives.

Further, it is incumbent on the tenderer to advise of alternatives which he considers to be in the Board's interest.

4. APPLICABLE DOCUMENTS

B.R. Specifications:-

- B.R. 10 - Director of S. & T. Engineering's Dept. - Painting Schedule.
- B.R. 528A - Welding Standards.
- B.R. 950 - Reliability.
- B.R. 967 - Environmental Conditions.

B.S. Specifications:-

- B.S. 4469: 1973 - Car Park Control Equipment.
 - B.S. 4800: 1972 - Paint Colours for Building Purposes.
 - B.S. 4884: Specification for Technical Manuals. Pt. 1 1973 - Content
Pt. 2 1974 - Presentation
 - Electricity (Factories Act) Special Regulations 1908 & 1944.
 - I.E.E. Wiring Regulations.
- The latest issue of these documents shall apply unless stated otherwise.

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5. TECHNICAL REQUIREMENTS

- 5.1 The equipment set shall be comprised of a ticket issuing machine suitable for wall, post or column mounting together with associated equipment from the list in Appendix A to this Specification. The inclusion of items from Appendix A for a particular car park will depend upon local requirements and will be advised to intending suppliers by means of an Information Schedule. (Appendix D)

5.2 Method of Operation

The machine shall enable customers using the car park to purchase parking time by means of pedestrian prepayment at the ticket issuing machine. Instruction by signing will advise the customer to affix the ticket to the inside of his windscreen so that a ticket validity check can be made.

5.3 Equipment Specification

5.3.1 Ticket Issuing Machine

- (a) The machine shall operate using a single fixed daily charge and shall accept coins through a single slot.
- (b) There is a Board preference for a particular coin mechanism, details of which should be obtained from the Board. This mechanism meets the requirements of this sub-para. and of (c) and (d) below.

There is no requirement for a change giving capability. The coin mechanism shall be designed to examine electronically and, if found satisfactory, to accept any combination of four cupro-nickel coins up to the tariff. Means shall be provided to enable jammed coins to be removed easily.

- (c) The mechanism shall include a device to hold the coins accepted until the amount paid is equal to, or in excess of, the tariff. The coins shall then be automatically ejected into a self-sealing cash box and a ticket issued.
- (d) All the money held in the machine is to be recoverable by the customer up to the insertion of coins to the tariff. The components associated with the coin return and coin acceptance shall be rated for continuous operation.
- (e) The tariff changing arrangement shall be accessible only after the use of a key. Either of two procedures may apply when changing the tariff, these are (tenderer is to state which he proposes to use):-
 - (i) For local engineering staff to add a changed tariff in advance of change implementation, for later implementation by local non-engineering staff.

or

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