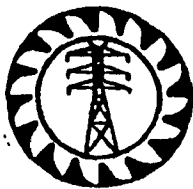


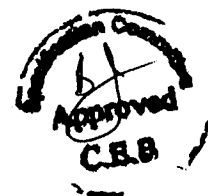
107 : 2007

**CEB
SPECIFICATION**

**SPECIFICATION FOR PADLOCK TYPE
SECURITY SEALS FOR SEALING BULK
SUPPLY METER BOXES**



**CEYLON ELECTRICITY BOARD
SRI LANKA**



Specification

for

**SPECIFICATION FOR PADLOCK TYPE
SECURITY SEALS FOR SEALING BULK
SUPPLY METER BOXES**

CEB Specification 107 –2007

CEYLON ELECTRICITY BOARD

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**SPECIFICATION FOR PADLOCK TYPE SECURITY SEALS FOR
SEALING BULK SUPPLY METER BOXES**

1. SCOPE

This specification covers the general requirements of manufacture, testing, supply and delivery of Padlock type Security Seals for sealing the Bulk Supply Meter Boxes.

2. SERVICE CONDITIONS

- | | | |
|--|---|---|
| (a) Maximum ambient temperature | - | 40°C |
| (b) Annual average ambient temperature | - | 30°C |
| (c) Maximum relative humidity | | 90% |
| (d) Environmental condition | - | Humid tropical climate with heavily polluted atmosphere |

3. BASIC FEATURES

The security seals shall be of the tamper proof type, suitable for effectively sealing out-door type steel meter boxes.

The seals shall be of padlock type design, easy to install without use of any tool. Once installed it shall not be possible to open forcibly without completely destroying the body of the seal. The hasp for the locking mechanism should be at least 3mm (1/8") diameter

The seal shall fit the staple of dimension 8mm diameter provided on the door of the enclosure for locking purpose.

In the event any attempt is made to open the seals forcibly, a visual damage shall occur to the body of the seal.

Housing of the seal shall be of cleared plastic material with color insert. Corrosion resistant steel shall be used in the locking mechanism system. These materials shall be suitable for use in humid tropical conditions as stipulated in Clause 2.0.

The seal shall bear a unique identification number and the name and logo of utility as required by the purchaser. Removal of the padlock seal should be possible only with a cutting tool.

4. TEST REPORTS

Type test reports shall be furnished with respect to the following, along with the offer.

- (a) Minimum pulling force required to occur ripping visual damage of the body of the seal.
- (b) Verify the material of housing and the locking mechanism.

5. MARKING

Each seal shall bear a serial number indelibly marked as indicated by the purchaser. Name of the purchaser "CEB" shall also indelibly marked on the body of the seal.

6. MANUFACTURING EXPERIENCE

The manufacturer shall have at least 5 years manufacturing experience for the offered type of seal. Manufacturing experience, quantities sold during 05 years, year of sale, name of the purchasers (utilities) shall clearly be indicated in the offer.

Documentary proof for the above shall be forwarded along with the offer.

7. PACKING

Seals shall be packed in hardboard boxes and each box shall contain a maximum of 250 seals. The serial numbers of the seals shall be clearly indicated on the box.

8. SAMPLE

Five numbers of non returnable samples of the seals offered shall be furnished with the offer for easy evaluation.

9. ANNEX A - Schedule of Guaranteed Technical Particulars



Handwritten signatures and initials:
A large signature on the left, followed by a checkmark and the letter 'e'. To the right, there are initials 'H' and a signature 'R' with a checkmark.

**SCHEDULE OF GUARANTEED TECHNICAL PARTICULARS
(To be filled by the Bidder)**

a)	Name of the Manufacturer		
b)	Country of Origin		
c)	Material of Seal		
	i) Housing		
	ii) Mechanism		
d)	Whether the material of the locking mechanism is non corrosion type	Yes/No	
e)	Whether the each seal is marked with		
	i) Unique serial number	Yes/No	
	ii) Letters "CEB"	Yes/No	
f)	Whether the markings indicated in (e) are indelible	Yes/No	
g)	Whether the seals could be supplied in 3 different colours	Yes/No	
h)	Whether the seals will provide visual indication of damage when an attempt is made to open the seal forcibly	Yes/No	
i)	Whether the seals will get completely destroyed when forcibly opened	Yes/No	
j)	The minimum force required to occur the visual damage in the event of forced opening	(N)	
k)	Manufacturing experience of the seal offered;		
	i) Manufacturing experience	No. of years	
	ii) Quantity sold during last 05 years	Nos.	
	iii) List of purchases provided	Yes/No	
l)	Whether the seal is type tested for the minimum pulling force required for visible damage of the housing	Yes/No	
m)	Whether the type test certificates are furnished	Yes/No	

I/we certify that the above data are true and correct

.....
Seal and the Signature of the Manufacturer/Date

