

(PREVIEW)

*Indian Standard***NICKEL CADMIUM BATTERIES FOR ELECTRIC
LOCOMOTIVES – SPECIFICATION****1 SCOPE**

1.1 This standard covers methods of tests, performance and other requirements for nickel cadmium batteries used as a source of energy for baby compressor for raising the pantograph and for working the control circuit, normal voltage of which is 110 V.

1.2 It does not however cover batteries for train lighting and airconditioning of railway coaches, requirements of which are under consideration.

2 REFERENCES

2.1 The Indian Standards given below are necessary adjuncts to this standard:

| <i>IS No.</i> | <i>Title</i> |
|----------------------|---|
| 1885 (Part 8) : 1985 | Electrotechnical vocabulary: Part 8 Secondary cells and batteries (<i>first revision</i>) |
| 4905 : 1968 | Methods for random sampling |
| 8320 : 1982 | General requirements and methods of test for lead-acid storage batteries (<i>first revision</i>) |
| 9000 (Part 8) : 1981 | Basic environmental testing procedures for electronic and electrical items: Part 8 Vibration (sinusoidal) test |
| 10918 : 1984 | Vented type nickel cadmium batteries |