

(PREVIEW)

Indian Standard

**SPECIFICATION FOR LABORATORY
ELECTRICAL RESISTANCE FURNACES**

1. SCOPE

1.1 This standard applies to general purpose alternating current laboratory electrical resistance furnaces which are not designed for heating any specific types of load, which have rating up to 8 kW and maximum temperature not exceeding 1 250°C, and which have static atmosphere of air. The standard will apply to furnaces of the above description having box or tube form, horizontal or vertical, and with exposed or concealed elements.

1.2 This standard does not apply to special purpose laboratory electric furnaces, such as those designed for coal ashing, differential thermal analysis, etc, or furnaces designed to work under vacuum or with forced air or other gas atmospheres.