

(PREVIEW)

Indian Standard

SPECIFICATION FOR ELECTRIC SOLDERING IRONS

1 SCOPE

This standard covers general, safety and performance requirement for soldering irons for use in household premises, for connection to supplies at voltages not exceeding 250V ac single phase, or dc. In addition to soldering irons having the heating element energized from the mains supply, requirements for soldering irons having the heating element energized at extra low voltage from a step down transformer incorporated in or external to the appliance and intermittently rated soldering irons actuated by push switches are included in this specification. It also covers aspirated or de-soldering irons for removing solder from joints.

2 REFERENCES

The following Indian Standards are necessary adjuncts to this standard

<i>IS No.</i>	<i>Title</i>
302-1 (1979)	Safety of household and similar electrical appliances : Part 1 General requirements (<i>fifth revision</i>).
302-2-45 (1994)	Safety of household and similar electrical appliances : Part 2 Particular requirements, Section 45 Electric heating tools.
4827 : 1983	Electroplated coatings of Nickel and chromium on copper and copper alloys (<i>first revision</i>).