

(PREVIEW)

*Indian Standard*

**SINGLE OPERATOR RECTIFIER TYPE  
dc ARC WELDING POWER SOURCE —  
SPECIFICATION**

**1 SCOPE**

**1.1** This standard lays down the requirements and tests for single operator arc welding power sources incorporating solid state rectifiers and also thyristers and having drooping characteristics.

**1.2** This standard does not cover 'constants potential' and other special type of arc welding power sources.

**REFERENCES**

The Indian Standards listed in Annex A are necessary adjuncts to this standard.

**ANNEX A**

*(Clause 2.1)*

**LIST OF REFERRED INDIAN STANDARDS**

<i>IS No.</i>	<i>Title</i>
1248 (Part 2) : 1983	Direct acting indicating analogue electrical measuring instruments and their accessories: Part 2 Ammeters and voltmeters ( <i>second revision</i> )
1271 : 1985	Thermal evaluation and classification of electrical insulation ( <i>first revision</i> )
2511 : 1963	Polycrystalline semiconductor rectifier stacks
2834 : 1986	Shunt capacitors for power systems ( <i>second revision</i> )
3895 : 1966	Monocrystalline semiconductor rectifier cells and stacks
9678 : 1980	Methods of measuring temperature-rise of electrical equipment