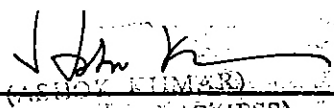



<div style="text-align: right;">             (ASHOK KUMAR)            SP. DY. DIR. &amp; I/C (IPSS)         </div>		
<b>INTER PLANT STANDARD - STEEL INDUSTRY</b>		
 <b>IPSS</b>	<b>SPECIFICATION FOR ELECTRODE HOLDERS (FIRST REVISION)</b>	<b>IPSS:1-07-052-95</b>
	Based on IS 2641:1989	Formerly: IPSS:1-07-052-90

## 0. FOREWORD

- 0.1 This Inter Plant Standard prepared by the Standards Committee on Paints and Portable Maintenance Equipment, IPSS 1:7 with the active participation of the representatives of all the steel plants and was adopted in January 1995.
- 0.2 This standard was first published in 1990 and was based on IS 2641:1964. This revised standard covers the requirement of 600 A welding electrode holders (semi-insulating type) against 400 A & 600 A covered in the previous IPSS standard and is based on IS 2641:1989 'Electrical welding accessories (first revision)', since it was observed by the Committee after study at the steel plants that 400A electrode holders are not used.

## 1. SCOPE

- 1.1 This Inter Plant Standard specifies the requirement of Semi-Insulating type 600 A arc welding electrode holder used for clamping and guiding the welding electrode, ensuring electrical connection for welding current.

## 2. REQUIREMENTS

- 2.1 The requirement of Semi-Insulating type 600 A arc welding electrode holder shall be as follows:

1)	Design & Construction	Semi-insulating type* as per IS 2641:1989
2)	Technical Requirements	As per IS 2641:1989
3)	Current Capacity of Electrode Holder	600 Amps
4)	Tests	Type & Routine tests as per IS 2641:1989
5)	Marking	a) Manufacturer's name and trade mark, if any  b) Rated current at 60% duty cycle and  c) Reference of IPSS standard

\* If fully insulated type required, the indenter shall specify the same. In case fully insulated electrode is ordered, it shall conform to the relevant provisions in IS 2641:1989.