



TSD 6208 B

PLANT STANDARD BHOPAL

BP 067 36 93

Rev. No. 03

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SUPERSEDES
BP 0673693 Rev. 02

ELECTROPLATING OF ZINC ON STEEL SURFACES FROM ACID BATH

1.0 GENERAL:

This standard details the process for bright zinc deposit on steel surfaces from acid chloride zinc solution by tank/barrel to provide protection against corrosion and to give bright attractive plating with excellent ductility.

2.0 APPLICATION:

Used for components like fasteners, nuts, bolts, electronic panels, tubes etc.

3.0 COMPLIANCE WITH NATIONAL STANDARDS:

This standard has reference to the following Indian Standards regarding surface condition and quality of deposit.

IS:1340 : Code of Practice For Chromate Conversion Coating on Zinc And Cadmium Coated Articles And Zinc Base Alloys.

IS:1572 : Electroplated Coatings OF Cadmium On Iron And Steel.

IS:3203 : Methods of Testing Local Thickness Of Electroplated Coatings.

4. MATERIALS

CPS No/IS No/Available from

4.1 Surclean EC 504

M/s Grauer and weil (I)
(P) Ltd. Bombay.

4.1.1 Surfolin EC 54

M/s Artek Surfin Chemicals
(P) Ltd. Bombay.

4.2 Gin Bond 808

M/s Grauer and Weil (I)
Ltd Bombay

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