

HALF CELL TYPE	Permanent copper/ copper sulphate
RELEVANT STANDARDS	✓IPS-I-TP-820/Appendix A
SIZE & SHAPE	<b>Tera cotta ,</b> 150 mm SQUARE *240 mm LENGTH
WEIGHT	Bag dimensions: 240 mm dia., Height : 400 mm, Weight : approx. 10 kg without cable
TEMPERATURE RANGE	0°C to 55°C
CABLE	1*16 mm <sup>2</sup> single cores, standard soft annealed copper conductor, with CU/XLPE/PVC insulation
CABLE TO CELL CONNECTION	Anode lead to anode connection shall be fully sealed to prevent water intrusion by application of an epoxy compound. finally an internally mastic lined heat shrink cap which covers the connection zone
HALF CELL BACKFILL	✓75% Bentonite ✓5% Sodium Sulphate ✓ 20% Bentonit
POTENTIAL REFFERING TO H2 ELECTRODE	+ 0.32 V
Stability	± 5 mV
INSPECTION & TEST	✓Visual Inspection against any defects ✓Cell to cable resistance test ✓potential Test

FEATURES

Reference electrode Model CU-SC consists of high purity copper spiral wire in a saturated copper sulphate solution (liquid) contained in a single chamber (pot) of terra cotta material. Reference electrode Model CU-DC is similar to model CU-SC but has a double chamber of terra cotta material.

