



CORROSION CONTROL

Technical Datasheet

PERMANENT PRE-PACKAGED REFERENCE ELECTRODE AND COUPON

STAPERM™ Model CU-1-UG
Copper-Copper Sulfate (Cu|CuSO₄)



- Size: 50 mm diameter by 175 mm long high impact ABS plastic tube which corrosion resistant
- Packaging: Special non-polarizing backfilled in yellow cotton bag.
- Overall size: Approx. 150 mm diameter by 355 mm long.
- Weight: Approx. 6.8 kg
- Copper Sulphate equipped with advanced chloride ion trap to prevent chloride contamination
- Cable tail: Standard 50 feet of #14 RHH-RHW. Can be supplied with XLPE/PVC or other cable tail if required.
- Design Life: 20 years.
- Stability: +/- 5 millivolts with 3.0 microamps load.
- Temperature Range: 0 °C to 55 °C

BAC Coupon

BAC coupon is specially designed to take IR free measurements and consists of:

- Carbon steel disc with exposed area of 50 cm². Other areas available upon request.
- Mounted in polycarbonate box with dimensions of 110 x 100 x 50 mm.
- Cable connection by welded threaded bolt, lug, washers and nut all epoxy resin encapsulated.
- Cable tail: Standard 10 m of XLPE/PVC - Other cable types and lengths available upon request.
- Coupon to be located as close to permanent reference electrode as possible (not more than 300 mm) and in same backfill as pipeline.