

Substation Earthing

Earth End Clamps

P&B Weir Electrical is a UK owned and based company providing leading technology electrical system solutions to Industrial and Utility customers worldwide.

The range of substation portable earthing equipment is suitable for temporary earthing within the range of conductors 66kv to 400kv.

The P&B Weir substation portable earthing equipment range is designed to meet ENA technical specification 41/21. This includes the Earth End Clamps which are precision manufactured from a robust aluminium casting with stainless steel fittings.

The sprung loaded feature of all types makes them suitable for application by hand to copper or aluminium earth bars in any natural condition.

The spring loaded feature of all types makes them suitable for application by hand of normal strength is necessary to achieve a good contact and tightness.

Sprung loaded clamps should be tightened down until the spring is fully compressed but not overtightened. Earth end clamps should be fastened securely in place before any attempt is made to secure the line end clamp.

Clamps should be inspected at intervals and prior to each application. All clamps should operate freely and moving parts should be lightly lubricated, springs should be protected by heavy grease and contact faces should be clean.

Product Benefits

- Solid construction for extended service
- Proven service record used by ESI for over 40 years
- Light weight and good corrosion resistance

P&B Weir Electrical Products

P&B Weir Electrical design and manufacture a range of products, including the following:

- Portable Earthing Equipment for EHV sub station and overhead line applications
- Gas and oil operated 'Buchholz' transformer protection relays
- Electrical Instruments and Test Equipment

Quality Assurance

P&B Weir Electrical maintains a high quality system in accordance with ISO 9001:2008 which is fully inspected and certified by AFNOR Ltd.

