

---

**STANDARDS BULLETIN No : S01-056**

---

**SUBJECT:** THREE PHASE BRIDGE FOR HOLEC MAGNEFIX MD4.

---

**Purpose:**

Standardisation of three phase switching for HOLEC MAGNEFIX MD4 HV switchgear.

**Reason:**

HOLEC the manufacturer of the MAGNEFIX MD4 HV switchgear has been used in Power and Water package substations for a long time. The main advantage is its compactness.

However it employs single phase switching instead of three phase switching. As it is always desirable to have three phase switching in order to avoid problem relating to single phase switching such as transients, resonance etc., etc.. The manufacturer has come up with a method to make three phase switching for existing and newly installed switches. Power and Water has decided to employ the same.

**Requirements:**

All newly supply switches shall be equip and capable for three phase switching. An operation plan would be formulated by Network Maintenance to converted existing HOLEC MD4 installations.

A training for the purpose has already been organised in Darwin and Alice Springs on 29<sup>th</sup> of August 2006 the necessary equipment and operating instruction are being contained in standard drawing number S02-1-7-14.

**Implementation:**

The practice is to be made with immediate effect. Existing project before the issue date of this bulletin involving HOLEC MD4 switchgear may have the option to choose the type of switching configuration (single or three phase).