Type Approval - Electrical

Approval Number EL 00031 (version 2)
Manufacturer UGL
Manufacturing Plant 373 Horsley Road, Milperra NSW, Australia
Product Description UGL type HFT truck mounted 1500V DC Harmonic Filter, complete with
- Castell key interlocked Schaltbau ZH1500 isolating switch
- 600Hz and 1200Hz filters
- 1500V surge arrester (ABB POLIM-X 2.0 ND)

Approved for Use on the RailCorp 1500V dc network in traction substations installed with withdrawable 1500V dc circuit breakers (Mitsubishi style truck – non imported) and 12 pulse series bridge rectifiers supplied from Yy0d1 & Dy0d1 transformers.

Conditions Type approval is valid for the harmonic filter as detailed on the following general drawings:
EL 0175890 - arrangement drawing (rev A)
EL 0175891 - schematic diagram (rev A)
Transitional earth is required to be installed on the DCCB base frame (refer to EL0551491 Substations – Mitsubishi 1500V DCCB, Transitional Earth for Base Frame).

Approved: _______________________________ Date: _______________________________
Neal Hook
Lead Electrical Engineer