



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 <ul style="list-style-type: none">• 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 <i>EL0551491 Substations – Mitsubishi 1500V DCCB, Transitional Earth for Base Frame</i>).

Approved:

Date:

Neal Hook

Lead Electrical Engineer