

Certificate No 14519

# ASTA CERTIFICATION SERVICES

(Incorporated in the year 1938)

ASTA House, Chestnut Field, Rugby, CV21 2TL, England

Laboratory Ref. No. 7005

## CERTIFICATE OF SHORT CIRCUIT RATING

APPARATUS: Three Phase and Neutral Extendable Horizontal Busbars with Five Fuse-Combination Unit Outgoing Circuits Enclosed in a Two Section Switchgear and Controlgear Assembly.  
Ratings:- Rated Voltages 440/660V ( $U_e/U_i$ ) Rated Frequency 50Hz.

DESIGNATION: -

MANUFACTURER: **Tegrel Ltd.,**  
Tundry Way, Chainbridge Road, Blaydon-on-Tyne, NE21 5TT.

TESTED BY: **Falcon Testing Laboratory Limited, Loughborough, Leics., LE11 1HR.**

DATE(S) OF TESTS: 12<sup>th</sup> and 13<sup>th</sup> October 2000

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with

**BS EN 60439-1:1999, EN 60439-1:1999 and IEC 60439-1:1999.**  
**Clauses 8.2.3 and 8.2.4, Sub-clauses 8.2.3.2.3a), 8.2.3.2.3 b), 8.2.3.2.3 d) and 8.2.4.2 only.**

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see page Number 1.

**The Record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.**

This Certificate comprises 12 pages, 1 diagram, 10 oscillograms, 10 photographs, 7 drawings and no other sheets as detailed on page 2.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA Certification Services, ASTA House, Chestnut Field, Rugby, CV21 2TL England. (see overleaf)



Registration Number 010.

The use of the Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 010

*Glyn Barnett* ASTA Observer  
*G.H. Barnett*  
*M. J. Swan*  
**DIRECTOR**  
10<sup>th</sup> JANUARY 2001 Date

