

# ASTA CERTIFICATION SERVICES

(Incorporated in the year 1938)

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

**Test Report No: 2067**

Laboratory Ref. No. 2869

APPARATUS: **WIRE MESH CABLE TRAY 'GR-Magic', manufactured in steel, hot-dip galvanised (FT) and electro-galvanised chromate finish (G) in 100, 200, 300, 400, 500 and 600mm widths**

MANUFACTURER: **OBO Bettermann GmbH & Co., Postfach 1120 20 D50694, MENDEN, GERMANY**

TESTED BY: **INTERTEK TESTING SERVICES Ltd. Cleeve Road, Leatherhead, Surrey KT22 7SA, England**

DATE(S) OF TESTS: **August – September 2002**

The apparatus, constructed in accordance with the description, drawings and photographs attached hereto, has been examined in accordance with

**BSEN 61537 : 2002 Clause. 11.1**

## TESTS

**Clause 11.1 Electrical Continuity**  
**Clause 11.1.1 Sample Preparation**  
**Clause 11.1.2 Continuity test at 25A a.c., 50Hz**

The results of the above tests were satisfactory

**This is not a certificate of rating.** A certificate of rating was not issued as only the electrical continuity test of the standard was conducted.

The documents forming this Test Report are:

- |                              |                                       |
|------------------------------|---------------------------------------|
| (1) Record of Proving Tests: | Pages 1 to 6                          |
| (2) Diagram Nos.             | None                                  |
| (3) Oscillogram Nos.         | None                                  |
| (4) Photograph Nos.          | None                                  |
| (5) Drawing Nos.             | KTS_GB_VO_11032002 Page 183, 23/09/02 |

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



010

C. Diack-Evans ASTA Inspector  
C. Diack-Evans

M. J. Lawson

Director

25th September 2002 Date

This Publication gives a brief description of the Certificates and Reports issued by ASTA and provides guidance on the forms of advertised claims which may be made subsequent to certification. More information is given in ASTA Publication 5.

### ASTA CERTIFICATES

Certificates are issued when samples of a particular product design have been tested satisfactorily against the requirements of a National, European or International Standard. Several forms of Certificate are available as follows:

**Certificate of Complete Compliance** - verifies compliance with all the requirements of a Standard e.g. dimensional, safety, performance, etc.

**Certificate of Type Tests** - is issued when a complete series of type tests prescribed in a Standard has been made successfully.

**Certificate of Short-Circuit Rating** - verifies the short-circuit performance of the design. The Certificate may include the results of other type tests, e.g. mechanical endurance tests.

**Certificate of Making and Breaking Capacity** - verifies the overload switching capability of equipment to which a short-circuit rating is not usually assigned, e.g. contactors. This Certificate may also include the results of other type tests.

**Supplementary Certificate** - extends the scope of an existing Certificate to cover changes in rating or in design which require additional proving tests to be made.

**Certificate of Temperature-Rise Performance** - verifies the temperature-rise limits of the equipment by performance of the appropriate type test specified by the Standards only where these tests are performed as complete type tests and not as a part of a sequence of tests.

**Certificate of Dielectric Performance** - verifies all dielectric ratings of the equipment by performance of the appropriate type tests specified by the Standards only where these tests are performed as a complete type test and not as part of a sequence of tests.

### TEST REPORT

An ASTA Test Report is issued when tests otherwise satisfactory cannot be included in a Certificate for one or more reasons, e.g. verification of non-standard ratings. Complete details are given in ASTA Publication No. 5.

### PUBLICATION

A Holder may, without prior approval from ASTA, reproduce the entire contents of Certificates and Test Reports, or Certificate Front Sheets accompanied by any associated pages on which are stated the assigned rated characteristics provided no part is obscured and all essential details are legible. Permission for any other kind of reproduction of Certificates and Test Reports must be obtained from ASTA.

### PRODUCT ENDORSEMENT



The use of the Diamond Mark is authorised by a licensing agreement between ASTA and the Manufacturer or responsible vendor. The granting of an ASTA Certificate does not give authority for the Diamond Mark to be used as registration of quality management systems and routine assessments of production samples apply.

Equipment may be endorsed with the words ASTA CERT or ASTA CERTIFIED only when a formal scheme has been established and a letter of authorisation issued by ASTA to the manufacturer and receipt of the same acknowledged by that manufacturer. Endorsed products shall show at least the ratings verified by ASTA and the Standard against which Certification has been made. The ASTA CERT. endorsement must not be used on equipment intended for household use.

### ADVERTISED CLAIMS

The holder of an ASTA Certificate may claim in Trade Journals, Catalogues, Technical Articles etc., and without the prior approval of ASTA that the product identified in a Certificate is ASTA Certified. To minimise the possibility of any misunderstanding such claims must clearly identify the product(s) certified, the ratings verified by ASTA and the Standard against which Certification has been made.