## UCA<sup>®</sup> INTERNATIONAL USERS GROUP TESTER QUALIFICATION FORM

The following company is authorized to perform IEC 61850 Conformance Testing in accordance with the Users Group Quality Assurance Testing Program Procedures:

| Contact details                     |                                   |  |
|-------------------------------------|-----------------------------------|--|
| Company                             | KEMA Nederland BV                 |  |
| Address                             | Utrechtseweg 310, 6812 AR Arnhem, |  |
|                                     | The Netherlands                   |  |
| Contact person                      | W. Strabbing                      |  |
| Phone numbers                       | +31-26-3566232                    |  |
| Email address                       | Willem.Strabbing@kema.com         |  |
| Test services                       |                                   |  |
| Requested level (A,B)               | A (Accredited)                    |  |
| Type of testing                     | Conformance testing for IEC 61850 |  |
|                                     | Client Systems                    |  |
|                                     |                                   |  |
| Test Capabilities: IEC 61850 Client | Checked by UCA UG                 |  |
| 1. Basic Exchange                   | $\checkmark$                      |  |
| 2. Data Sets                        | $\checkmark$                      |  |
| 3. Substitution                     | ✓                                 |  |
| 4. Setting Group                    | ✓                                 |  |
| 5. Unbuffered Reports               | ✓                                 |  |
| 6. Buffered Reports                 | ✓                                 |  |
| 9. Substation Data Events (GOOSE)   | ✓                                 |  |
| 12. Control                         | ✓                                 |  |
| 13. Time Synchronisation            | ✓                                 |  |
| 14. File Transfer                   | ✓                                 |  |

| QA systems in place                 | Available/Certified |
|-------------------------------------|---------------------|
| ISO 17025                           | Certified           |
| ISO 9000                            | Part of 17025       |
|                                     |                     |
|                                     |                     |
| Copy of these procedures available. | Checked by UCA UG   |
| Conformance Test Quality Plan       | $\checkmark$        |
| Test and Inspection Plan            | ✓                   |
|                                     |                     |

UCA International Users Group, Represented by: J. T. Robinson Secretary Dated: <u>3 March 2009</u>