

# Test Certificate

## VCB MAINTENANCE REPORT

Sheet 1 of 15

|                   |          |               |           |
|-------------------|----------|---------------|-----------|
| Customer :        |          | Substation    |           |
| Site :            |          |               |           |
| Date :            | Job No : | Circuit Title |           |
| Type of Unit      | Panel No | RATING        | Serial No |
| Siemens 3AH5204-1 |          |               |           |

All work to be carried out to manufacturers instruction.  
Use only lint free cloths to clean or wipe down mechanisms.

| Maintenance tasks                                    | ✓                  | Comments              |          |
|--|--------------------|-----------------------|----------|
| Inspect & clean cubicle.                             |                    |                       |          |
| Check cubicle shutters and interlocks.               |                    |                       |          |
| Clean, inspect and grease CB contacts.               |                    |                       |          |
| Record operations counter reading.                   |                    |                       |          |
| Adjustments to mechanism.                            |                    |                       |          |
| Close CB check main, aux contacts & limit switch.    |                    |                       |          |
| Clean and inspect bushings for scratches and cracks. |                    |                       |          |
| Check all connections for tightness.                 |                    |                       |          |
| Feeler gauge reading.                                |                    |                       |          |
| Record spring measurement.                           |                    |                       |          |
| Check all auxiliary wiring connections.              |                    |                       |          |
| Perform electrical and manual checks to CB.          |                    |                       |          |
| Shunt Trip Coil                                      | Shunt Release Coil | Solenoid Closing Coil | U/V Coil |
|  |                    |                       |          |

### DUCTER TEST IN MICROHMS - TEST SET ID No :

| CB Closed | L1 | L2 | L3 | Amps |
|-----------|----|----|----|------|
|           |    |    |    |      |

### MEGGER READINGS @ 5 kV - TEST SET ID No : MEG 4

| CB OPEN<br>(Busbar to Circuit)<br>L1-L2-L3 to L1-L2-L3-PhE | CB OPEN<br>(OUTGOING SIDE)<br>L1-L2-L3-PhE to L1-L2-L3 | CB closed<br>L1 to L2-L3-PhE | CB closed<br>L2 to L1-L3-PhE | CB closed<br>L3 to L1-L2-PhE |
|--|--|------------------------------|------------------------------|------------------------------|
|  |  |                              |                              |                              |

### Applied Voltage 15 kV - TEST SET ID No : AC1

| L1 Phase P/F | L2 Phase P/F | L3 Phase P/F |
|--------------|--------------|--------------|
|              |              |              |

Remarks :

Tested By : Sign : Date :