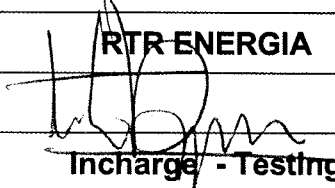


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| <b>Rep. No:</b> | 109        |
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### ROUTINE TEST CERTIFICATE FOR CAPACITOR UNIT

| SL.No. | DESCRIPTION                                    | DETAIL                  |
|--------|------------------------------------------------|-------------------------|
| 1      | Customer                                       |                         |
| 2      | Invoice Number                                 | V/FI03992               |
| 3      | Total Number of Capacitor Units                | 1                       |
| 4      | No. of Phases                                  | 3/Δ                     |
| 5      | Rated output of Capacitor Unit                 | 300 KVAR                |
| 6      | Rated voltage of Capacitor Unit                | 11.0 K Volts            |
| 7      | Rated Current of Capacitor Unit                | 15.75 Amps              |
| 8      | Rated Frequency                                | 50 Hz                   |
| 9      | Insulation Level of Capacitor Unit             | 38 / 95                 |
| 10     | Ambient temperature category as per clause 4.1 | -40 /+50 deg C          |
| 11     | Type of fuse                                   | Internal                |
| 12     | Rated Capacitance of Capacitor Unit            | 3.95 mfd.               |
| 13     | (-) 5 % of Rated Capacitance                   | 3.75 mfd.               |
| 14     | (+)10% of Rated Capacitance                    | 4.34 mfd.               |
| 15     | Routine Test Standard                          | As per IEC 60871-1      |
| 16     | Serial Numbers of Capacitor Unit               | As per Annexure –B      |
| 17     | Details of test conducted                      | As per Annexure – A & B |
| 18     | Number of Sheets in the Report                 | 2                       |

|                                                                                       |
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| <b>RTR ENERGIA</b>                                                                    |
|  |
| <b>Incharge - Testing</b>                                                             |

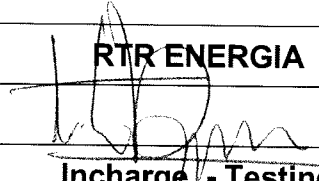
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| <b>Rep. No.:</b> | 109        |
| <b>Date:</b>     | 18/11/2019 |
| <b>Page:</b>     | 2 of 2     |

**TEST REPORT**  
**ANNEXURE -A**

| SL.NO. | DESCRIPTION                                            | VALUE                | UNIT | TIME       | RESULT |
|--------|--------------------------------------------------------|----------------------|------|------------|--------|
| 1      | DC Voltage between terminals (4.0 U <sub>N</sub> )     | 44.0                 | KV   | for 10 Sec | OK     |
| 2      | AC Voltage between shorted terminals & Container       | 38                   | KV   | for 10 Sec | OK     |
| 3      | Discharge time of Capacitor Units                      | As per IEC 60871 – 1 |      |            | OK     |
| 4      | Sealing test                                           | As per IEC 60871 - 1 |      |            | OK     |
| 5      | Discharge test on Internal fuses (1.7 U <sub>N</sub> ) | As per IEC 60871 – 1 |      |            | OK     |

**ANNEXURE -B**

| SL.NO. | Unit SL. No. | Capacitor Value | TAN D    |
|--------|--------------|-----------------|----------|
| 1      | 1909764      | 4.05            | 0.000123 |

|                                                                                       |
|---------------------------------------------------------------------------------------|
| <b>RTR ENERGIA</b>                                                                    |
|  |
| <b>Incharge - Testing</b>                                                             |