

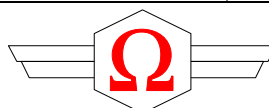
|                         |                  |                     |
|-------------------------|------------------|---------------------|
| Customer:               |                  |                     |
| P.O. Ref.:              |                  | Internal Reference: |
| Project:                |                  |                     |
| Equipment Specification |                  |                     |
| Item Description:       | Item Designation | Q'ty                |
| 1                       |                  |                     |
| 2                       |                  |                     |
| 3                       |                  |                     |
| 4                       |                  |                     |
| 5                       |                  |                     |

|   |                     |
|---|---------------------|
| Place of Manufacture / Assembling Process | Place of Testing    |
| St Chamond / France                       | St Chamond / France |

**SUMMARY**

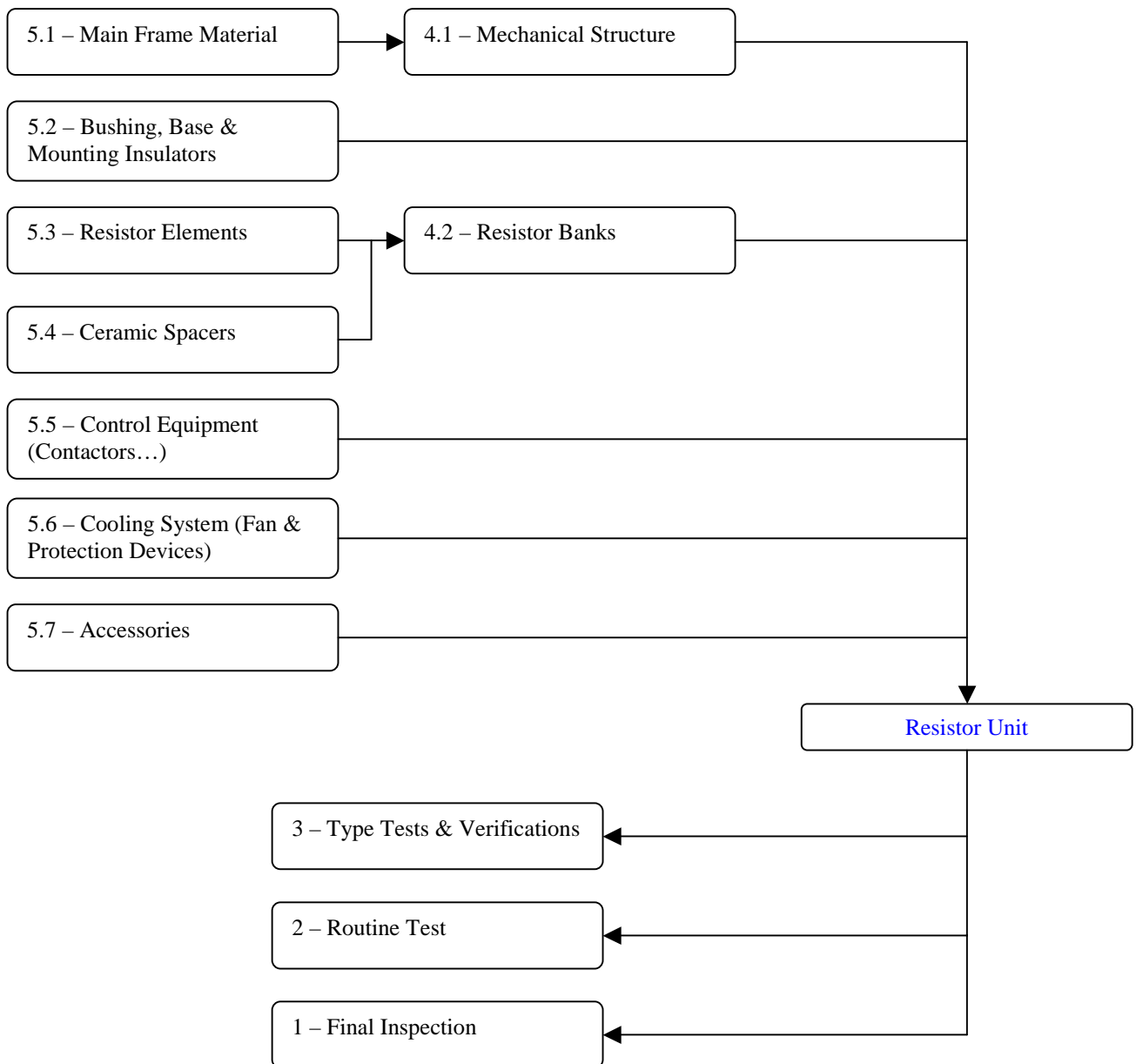
| <b><u>Chapter</u></b> | <b><u>Description</u></b>    | <b><u>Document Identity</u></b> | <b><u>Rev.</u></b> | <b><u>Pages</u></b> |
|-----------------------|------------------------------|---------------------------------|--------------------|---------------------|
| -                     | Summary                      | ITP NE-1                        | 0                  | 1                   |
| -                     | Inspection Structure Diagram | ITP NE-2                        | 0                  | 1                   |
| 1                     | Final Inspection             | ITP NE-3                        | 0                  | 1                   |
| 2                     | Routine Tests                | ITP NE-4                        | 0                  | 1                   |
| 3                     | Type Tests & Verifications   | ITP NE-5                        | 0                  | 1                   |
| 4                     | In-Process Inspection        | ITP NE-6                        | 0                  | 1                   |
| 5                     | Receiving Inspection         | ITP NE-7                        | 0                  | 2                   |

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| Project:                |                  |                     |
| Equipment Specification |                  |                     |
| Item Description:       | Item Designation | Q'ty                |
| 1                       |                  |                     |
| 2                       |                  |                     |
| 3                       |                  |                     |
| 4                       |                  |                     |
| 5                       |                  |                     |

**INSPECTION & TESTS PLAN STRUCTURE DIAGRAM**



|                    |      |                   |         |         |          |
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## INSPECTION & TEST PLAN

|            |                     |
|------------|---------------------|
| Customer:  | Internal Reference: |
| P.O. Ref.: | Project:            |

| No.          | Name of Item Characteristic, Method or Type of Inspection                          | Specifying Doc.                | Record Form Certificate             | Test reports No. | Comments |
|--------------|--|--------------------------------|-------------------------------------|------------------|----------|
| <b>1</b>     | <b>FINAL INSPECTION</b>  |                                |                                     |                  |          |
| <b>1.1</b>   | <b>Final Documents Review before Shipment</b>                                      | Quality Manual                 | "List of Documents"                 |                  |          |
| <b>1.2</b>   | <b>Final Inspections before Shipment</b>   | Quality Manual                 |                                     |                  |          |
| <b>1.3</b>   | <b>Packing</b>   |                                |                                     |                  |          |
| <i>1.3.1</i> | <i>General Visual Inspection before Packing.<br/>Check Name Plates</i>             | Drawing                        |                                     |                  |          |
| <i>1.3.2</i> | <i>Check Shipping Marks<br/>Check Packing (Type, Content, Q'ty &amp; Identity)</i> | Shipping Marks<br>Packing List |                                     |                  |          |
| <b>1.4</b>   | <b>Final Documentation Review</b>  |                                |                                     |                  |          |
| <i>1.4.1</i> | <i>Review of Routine Tests Records</i>   | Quality Manual                 | Routine Tests Records               |                  |          |
| <i>1.4.2</i> | <i>Review of Type Tests Records (If Applicable)</i>                                | Quality Manual                 | Type Tests Records                  |                  |          |
| <i>1.4.3</i> | <i>Review of Technical documentation</i>   | Quality Manual                 | Technical Documents,<br>Drawings... |                  |          |

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|      |      | Document4 |         |         |          | <b>1 - FINAL INSPECTION</b>                             | Page 1 of 1 |
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## INSPECTION & TEST PLAN

Customer:

Internal Reference:

P.O. Ref.:

Project:

| No.        | Name of Item Characteristic, Method or Type of Inspection           | Specifying Doc.                        | Record Form Certificate | Test reports No. | Comments |
|------------|---|--|-------------------------|------------------|----------|
| <b>2</b>   | <b>ROUTINE TESTS</b>  |  |                         |                  |          |
| <b>2.1</b> | <b>Measurement of Resistance Value<br/>(at Ambient Temperature)</b> | Testing Procedures<br>IEC 60-694 §7.3  | Routine Tests Records   |                  |          |
| <b>2.2</b> | <b>Power Frequency Voltage Withstanding</b>                         | Testing Procedures<br>IEC 71-1 table 2 | Routine Tests Records   |                  |          |
| <b>2.3</b> | <b>Insulation Measurement</b>                                       | Testing Procedures<br>IEC 60-694 §7.2  | Routine Tests Records   |                  |          |
| <b>2.4</b> | <b>Aspect Verification</b>  | Testing Procedures                     | Routine Tests Records   |                  |          |
| <b>2.5</b> | <b>Dimensional Control</b>  | Testing Procedures<br>Drawing          | Routine Tests Records   |                  |          |

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|      |      | Document5 |         |         |          | <b>2 - ROUTINE TESTS</b>                                | Page 1 of 1 |
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|            |                     |
|------------|---------------------|
| Customer:  | Internal Reference: |
| P.O. Ref.: | Project:            |

| No.        | Name of Item Characteristic, Method or Type of Inspection               | Specifying Doc.                               | Record Form Certificate | Test reports No. | Comments         |
|------------|---|---|-------------------------|------------------|------------------|
| <b>3</b>   | <b>TYPE TESTS ( WHERE APPLICABLE)</b>                                   |   |                         |                  |                  |
| <b>3.1</b> | <b>Measurement of Inductance</b>  | Testing Procedures                            | Type Tests Records      |                  | Customer Request |
| <b>3.2</b> | <b>Temperature Rise test</b>  | Testing Procedures<br>IEC 60-694 §6.5         | Type Tests Records      |                  |                  |
| <b>3.3</b> | <b>Measurement of Resistance Value<br/>(at Stabilized Temperature )</b> | Testing Procedures<br>IEC 60-694 §6.4         | Type Tests Records      |                  |                  |
| <b>3.4</b> | <b>Lightning Impulse Withstand Test</b>                                 | IEC 60-1 §21 to §23                           | Type Tests Records      |                  |                  |
| <b>3.5</b> | <b>Protection Degree Verification</b>                                   | Verification Procedures<br>IEC 529 §12 to §15 |                         |                  |                  |



## INSPECTION & TEST PLAN

Customer:

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| No.        | Name of Item Characteristic, Method or Type of Inspection | Specifying Doc. | Record Form Certificate | Test reports No. | Comments |
|------------|---|-----------------|-------------------------|------------------|----------|
| <b>4</b>   | <b>IN PROCESS INSPECTION</b>                              |                 |                         |                  |          |
| <b>4.1</b> | <b>Housing &amp; Metallic Structure</b>                   |                 |                         |                  |          |
| 4.1.1      | Visual Inspection   | PC113 C1.5.0    |                         |                  |          |
| 4.1.2      | Surface Treatment Inspection                              | PC113 C1.6.0    |                         |                  |          |
| 4.1.3      | Inspection Of Mounting And Connection Of Components       | PC113 C1.7.0    |                         |                  |          |
| <b>4.2</b> | <b>Bushings &amp; Indoor &amp; Outdoor Insulators</b>     |                 |                         |                  |          |
| <b>4.3</b> | <b>Resistors Banks</b>                                    | PC113.C1.7.0    |                         |                  |          |
| 4.3.1      | Visual Inspection   | PC102 C1.5.0    |                         |                  |          |
| 4.3.2      | Spot Welding or Tightening Control                        | PC102 C1.5.0    |                         |                  |          |
| 4.3.3      | Measurement of Ohmic Value at DC                          | PC102 C1.6.0    |                         |                  |          |

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## INSPECTION & TEST PLAN

Customer:

Internal Reference:

P.O. Ref.:

Project:

| No.        | Name of Item Characteristic, Method or Type of Inspection | Specifying Doc.        | Record Form Certificate | Test reports No. | Comments |
|------------|---|------------------------|-------------------------|------------------|----------|
| <b>5</b>   | <b>RECEIVING INSPECTION</b>                               |                        |                         |                  |          |
| <b>5.1</b> | <b>Main raw material</b>                                  |                        |                         |                  |          |
| 5.1.1      | <i>Incoming inspection</i>                                | Purchase Drawing       | Received Records        |                  |          |
| <b>5.2</b> | <b>Bushing base and mounting insulators</b>               |                        |                         |                  |          |
| 5.2.1      | <i>Incoming inspection</i>                                | Purchase Drawing       | Received Records        |                  |          |
| 5.2.2      | <i>Review of supplier's Test report</i>                   | IEC168                 | Received Records        |                  |          |
| <b>5.3</b> | <b>Stainless steel alloy for resistor elements</b>        |                        |                         |                  |          |
| 5.3.1      | <i>Incoming inspection</i>                                | Purchase Specification | Received Records        |                  |          |
| 5.3.2      | <i>Review of material certificate</i>                     | Purchase Specification | Received Records        |                  |          |
| <b>5.4</b> | <b>Ceramic spacer</b>                                     |                        |                         |                  |          |
| 5.4.1      | <i>Incoming inspection</i>                                | Purchase Drawing       | Received Records        |                  |          |
| 5.4.2      | <i>Review of supplier's test report</i>                   | Purchase Specification | Received Records        |                  |          |

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|      |      | Document1 |         |         |          | <b>5 - RECEIVING INSPECTION</b>                                | Page 1 of 2 |
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## INSPECTION & TEST PLAN

Customer:

Internal Reference:

P.O. Ref.:

Project:

| No.        | Name of Item Characteristic, Method or Type of Inspection | Specifying Doc.        | Record Form Certificate | Test reports No. | Comments |
|------------|---|------------------------|-------------------------|------------------|----------|
| <b>5.5</b> | <b>Control Equipment (Where applicable)</b>               |                        |                         |                  |          |
| 5.5.1      | Incoming inspection                                       | Purchase Specification | Received Records        |                  |          |
| 5.5.2      | Review of supplier's test report                          | Purchase Specification | Received Records        |                  |          |
| <b>5.6</b> | <b>Cooling System (Where applicable)</b>                  |                        |                         |                  |          |
| 5.6.1      | Incoming inspection                                       | Purchase Specification | Received Records        |                  |          |
| 5.6.2      | Review of supplier's test report                          | Purchase Specification | Received Records        |                  |          |
| <b>5.7</b> | <b>Accessories (Where applicable)</b>                     |                        |                         |                  |          |
| 5.7.1      | Incoming inspection                                       | Purchase Specification | Received Records        |                  |          |
| 5.7.2      | Review of supplier's test report                          | Purchase Specification | Received Records        |                  |          |

|      |      |           |         |         |          |  |             |
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