

Form for 132 KV, Lines.

GOVERNMENT OF MEGHALAYA  
INSPECTORATE OF ELECTRICITY:: SHILLONG  
INSPECTION & TESTING REPORT

(Under Regulation 43 of the central Indian Electricity Authority Measures Relating to Safety  
& Electric Supply Regulations 2010).

NAME OF THE LINE: - *the 132 KV* .....

1. **Insulation Test Between :- 132 KV**.....

- |      |                |   |     |         |
|------|----------------|---|-----|---------|
| (a). | Phase to Earth | : | R-E | .....MΩ |
|      |                |   | Y-E | .....MΩ |
|      |                |   | B-E | .....MΩ |
| (b). | Phase to Phase | : | R-Y | .....   |
|      |                |   | R-B | .....   |
|      |                |   | Y-B | .....   |

2. **Insulation Test Between: - 132 KV S/C New Umtru-Umtru Power Station Line.**

- |      |                |   |     |         |
|------|----------------|---|-----|---------|
| (a). | Phase to Earth | : | R-E | .....MΩ |
|      |                |   | Y-E | .....MΩ |
|      |                |   | B-E | .....MΩ |
| (b). | Phase to Phase | : | R-Y | .....   |
|      |                |   | R-B | .....   |
|      |                |   | Y-B | .....   |

3. **Minimum Height and Ground Clearance of the Line.**

- :
- |      |  |   |             |
|------|--|---|-------------|
| (a). | 132KV S/C New Umtru-EPIP 2 Line              | : | ..... mtrs. |
| (b). | 132KV S/C New Umtru-Umtru Power Station Line | : | ..... mtrs. |

4. **Horizontal & Vertical Clearance from the adjacent building :-**

- |      |  |   |                          |
|------|--|---|--------------------------|
| (a). | 132KV S/C New Umtru-EPIP 2 Line          | : | ..... Mtrs (Horizontal). |
| (b). | 132KV S/C Umtru-Umtru Power Station Line | : | ..... Mtrs (Vertical).   |

5. **Protection :-**

- |      |                           |   |       |
|------|---------------------------|---|-------|
| (a). | Cradle Guard              | : | ..... |
| (b). | Stay wire with insulators | : | ..... |
| (c). | Anti Climbing Device      | : | ..... |
| (d). | Caution Notice            | : | ..... |

6. **Type of Breaker and Protective Relays:-** (i). ....
- (ii). ....
7. (a). Type of Insulators : .....
- (b). Type of Lighting Arrester : .....
- (c). Line Rated Voltage : .....KV
- (d). Type of Pole : .....
- (e). Conductor Size & Type : ..... (..... mm)
- (f). Current Carrying Capacity : ..... Amp.
8. **Length of the Line :-**  
:
- (a). 132KV S/C New Umtru-EPIP 2 Line : ..... Km.
- (b). 132KV S/C New Umtru Power Station Line : .....Km.
9. **Climate Condition at the time of Testing** : .....
- 10 **Rated Voltage of Insulation Tester Megger** : .....V.
- .
- 11 **Weather Condition** : .....
- .
- 19 **Date of inspection** : .....
- .
- 11 **Inspected & Tested by** : .....
- .

**Remark:-** .....

**Senior Electrical Inspector,  
Meghalaya, Shillong.**

***FOR BRIGHTER TOMORROW SAVE POWER TODAY***