

**UTTAR GUJARAT VIJ COMPANY LTD.
DRAWING FOR TEMPER CONDITIONS FOR SINGLE PHASE METER**

	Phase - Neutral Connection Normal	Phase - Neutral Connection Reversed
NORMAL WIRING NOT TAMPERED	<p align="center">CONDITION - 1</p>	<p align="center">CONDITION - 2</p>
PHASE AND NEUTRAL CURRENT REVERSED TAMPER	<p align="center">CONDITION - 3</p>	<p align="center">CONDITION - 4</p>
FULL LOAD EARTH RETURNED TAMPER	<p align="center">CONDITION - 5</p>	<p align="center">CONDITION - 6</p>
FULL LOAD EARTH RETURNED AND CURRENT REVERSED TAMPER	<p align="center">CONDITION - 7</p>	<p align="center">CONDITION - 8</p>
PARTIAL LOAD EARTH RETURNED TAMPER	<p align="center">CONDITION - 9</p>	<p align="center">CONDITION - 10</p>
PARTIAL LOAD EARTH RETURNED AND CURRENT REVERSED TAMPER	<p align="center">CONDITION - 11</p>	<p align="center">CONDITION - 12</p>
NEUTRAL CURRENT REVERSED TAMPER	<p align="center">CONDITION - 13</p>	<p align="center">CONDITION - 14</p>
PHASE CURRENT REVERSED TAMPER	<p align="center">CONDITION - 15</p>	<p align="center">CONDITION - 16</p>

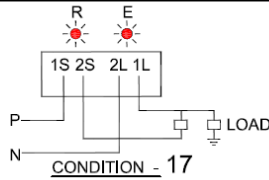
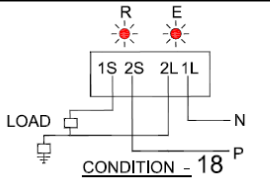
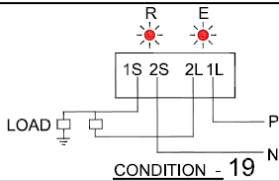
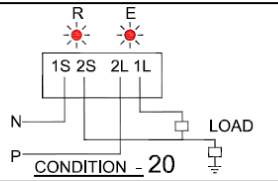
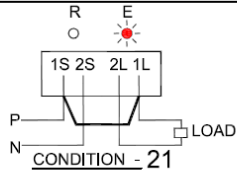
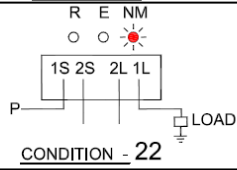
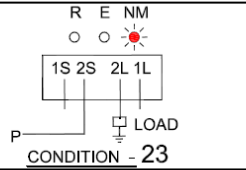
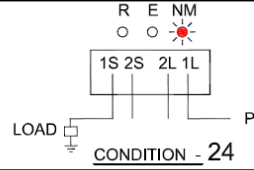
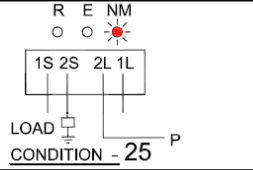
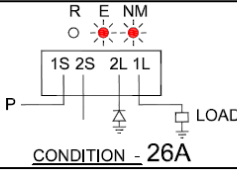
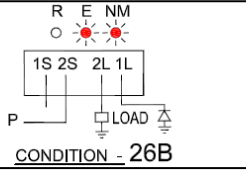
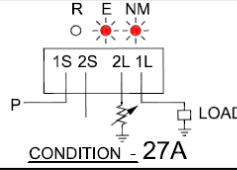
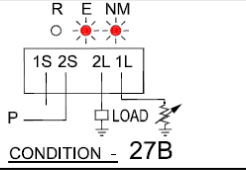
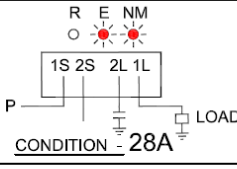
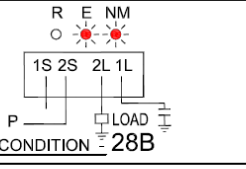



LEGEND :  DIRECTION REVERSED  EARTH TAMPERED  NEUTRAL DISTURBANCE

Signature of Bidder

Place :-

Company's Round Seal

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DRAWING FOR TEMPER CONDITIONS FOR SINGLE PHASE METER

	Phase - Neutral Connection Normal	Phase - Neutral Connection Reversed
PARTIAL LOAD EARTH RETURNED AND NEUTRAL CURRENT REVERSED TAMPER	 <p style="text-align: center;">CONDITION - 17</p>	 <p style="text-align: center;">CONDITION - 18</p>
PARTIAL LOAD EARTH RETURNED AND PHASE CURRENT REVERSED TAMPER	 <p style="text-align: center;">CONDITION - 19</p>	 <p style="text-align: center;">CONDITION - 20</p>
CURRENT BYPASSED TAMPER	 <p style="text-align: center;">CONDITION - 21</p>	
NEUTRAL REMOVAL TAMPER	 <p style="text-align: center;">CONDITION - 22</p>	 <p style="text-align: center;">CONDITION - 23</p>
NEUTRAL REMOVAL & CURRENT REVERSED TAMPER	 <p style="text-align: center;">CONDITION - 24</p>	 <p style="text-align: center;">CONDITION - 25</p>
NEUTRAL DISTURBANCE TAMPER	 <p style="text-align: center;">CONDITION - 26A</p>	 <p style="text-align: center;">CONDITION - 26B</p>
NEUTRAL DISTURBANCE TAMPER	 <p style="text-align: center;">CONDITION - 27A</p>	 <p style="text-align: center;">CONDITION - 27B</p>
NEUTRAL DISTURBANCE TAMPER	 <p style="text-align: center;">CONDITION - 28A</p>	 <p style="text-align: center;">CONDITION - 28B</p>
<p>LEGEND :  DIRECTION REVERSED  EARTH TAMPED  NEUTRAL DISTURBENCE</p>		

For Fig.26- 27- 28 : Due to application of diode, resistance or capacitor phase to neutral voltage reduce less than 230 V than meter should detect these applications as neutral disturbance & recording of meter should be at 240V,actual current & UPF. It is desired to have two indications viz. 'NM' and 'Earth' & logging of neutral disturbance event preferably. However, indication of either one with logging of event thereof will also be considered.

Signature of Bidder

Place :-

Company's Round Seal