

**AURO IMPEX & CHEMICALS PVT. LTD.**

**PROCESS FLOW FOR MANUFACTURING OF DISCHARGE ELECTRODE (ELECTRO STATIC PRECIPITATOR)**

**PURPOSE:** TO UNDERSTAND THE FLOW OF MATERIAL & MANUFACTURING OF DE

| ACTIVITY DESCRIPTION  | SEQUENCE OF OPERATION                | DESCRIPTION  | QUANTUM            | RECORD OR CONTROL POINT                  |
|---|--------------------------------------|--|--------------------|--|
| <pre> graph TD     START([START]) --&gt; A[PROCURE OF RAW MATERIAL<br/>CLIENT APPROVED MAKE LIST]     A --&gt; B[ARRANGE WITNESS OF RAW MATERIAL TO CLIENT OR MAIL<br/>TO CLIENT FOR MANUFACTURING CLEARANCE AFTER NECESSARY INSPECTION]     B --&gt; C[MANUFACTURING OF DISCHARGE ELECTRODE]     C --&gt; D[DISCHARGE ELECTRODE TYPE:<br/>1. PIPE &amp; SPIKE<br/>2. SPIRAL TYPE<br/>3. MULTI PEAK<br/>4. STRAIGHT ROUND WIRES<br/>5. TWISTED PAIRS OF WIRE<br/>6. BARBED DISCHARGE WIRES<br/>7. RIGID MASTS &amp; RIGID FRAMES<br/>8. VARIODYN 15]     D --&gt; E[EDGE PREPARATION &amp; FINISHING OF DE PANEL.]     E --&gt; F[INTERNAL INSPECTION]     F --&gt; G[APPLY ANTI RUST OIL]     G --&gt; H[ARRANGE FOR CLIENT INSPECTION]     H --&gt; I[PACKING ARRANGEMENT]     I --&gt; J[DISPATCH WITH TAGGING]     J --&gt; END([END])           </pre> | PROCURE OF RAW MATERIAL              | <ul style="list-style-type: none"> <li>RAW MATERIAL TO BE PROCURED FROM CLIENT APPROVED MAKE</li> </ul>  | 100%               | PURCHASE ORDER                           |
|   | INSPECTION OF RAW MATERIAL           | <ul style="list-style-type: none"> <li>INCOMING MATERIAL INSPECTION REPORT</li> <li>JOINT INSPECTION OR IMIR REVIEW BY AURO OR CLIENT</li> <li>DIMENSIONAL INSPECTION</li> </ul> | 100%               | IMIR (INWARD MATERIAL INSPECTION REPORT) |
|   | MANUFACTURING OF DISCHARGE ELECTRODE | <ul style="list-style-type: none"> <li>MANUFACTURING JOB SCHEDULE</li> </ul>   | 100%               | INTERNAL INSPECTION REPORT               |
|   | EDGE PREPATION                       | <ul style="list-style-type: none"> <li>EDGE IS PREPARED IN EVERY ITEMS WITH SUITABLE HAND TOOLS</li> </ul>   | 100%               | INTERNAL INSPECTION REPORT               |
|   | INTERNAL INSPECTION                  | <ul style="list-style-type: none"> <li>INTERNAL INSPECTION IS DONE ASPER APPROVED DRAWING</li> </ul>   | 100% OR AS PER QAP | INTERNAL INSPECTION REPORT               |
|   | APPLY ANTI RUST OIL                  | <ul style="list-style-type: none"> <li>APPLY ANTI RUST OIL</li> </ul>  | 100% OR AS PER QAP | INSPECTION REPORT                        |
|   | CLIENT INSPECTION                    | <ul style="list-style-type: none"> <li>JOINT INSPECTION BY AURO/CLIENT DIMENSIONAL &amp; OTHERS</li> </ul>   | 100% OR AS PER QAP | FINAL INSPECTION REPORT                  |
|   | PACKING ARRANGEMENT                  | <ul style="list-style-type: none"> <li>AS PER PACKING DRAWING</li> </ul>   | 100%               | --                                       |
|   | DISPATCH                             | <ul style="list-style-type: none"> <li>AS PER PURCHASE ORDER</li> </ul>  | 100%               | PACKING LIST                             |