

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

**PROCESS FLOW FOR MANUFACTURING OF INTERNAL ITEMS (ELECTRO STATIC PRECIPITATOR)**

**PURPOSE: TO UNDERSTAND THE FLOW OF MATERIAL & MANUFACTURING OF INTERNAL ITEMS**

ACTIVITY DESCRIPTION	SEQUENCE OF OPERATION	DESCRIPTION	QUANTUM	RECORD OR CONTROL POINT
<pre> graph TD     START([START]) --&gt; A[PROCURE OF RAW MATERIAL CLIENT APPROVED MAKE LIST]     A --&gt; B[ARRANGE WITNESS OF RAW MATERIAL TO CLIENT OR MAIL TO CLIENT FOR MANUFACTURING CLEARANCE AFTER NECESSARY INSPECTION]     B --&gt; C[MANUFACTURING OF INTERNAL ITEMS]     C --&gt; D[INTERNAL ITEMS TYPES: 1. RAPPING ARRANGEMENT OF CE, DE &amp; GD 2. HANGING ARRANGEMENT OF CE, DE &amp; GD]     D --&gt; E[EDGE PREPARATION &amp; FINISHING OF INTERNAL ITEMS]     E --&gt; F[INTERNAL INSPECTION]     F --&gt; G[APPLICATION OF PAINT OR ANTI RUST OIL]     G --&gt; H[ARRANGE FOR CLIENT INSPECTION]     H --&gt; I[PACKING ARRANGEMENT]     I --&gt; J[DISPATCH WITH IDENTIFICATION]     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 INTERNAL ITEMS 1. FABRICATION 2. MACHINING 3. ASSEMBLY (*NOTE 1)	<ul style="list-style-type: none"> <li>MANUFACTURING JOB SCHEDULE</li> </ul>	100%	INTERNAL INSPECTION REPORT
	EDGE PREPARATION	<ul style="list-style-type: none"> <li>EDGE IS PREPARED FOR WELDING &amp; FINISHING</li> </ul>	100%	INTERNAL INSPECTION REPORT
	INTERNAL INSPECTION	<ul style="list-style-type: none"> <li>INTERNAL INSPECTION IS DONE AS PER APPROVED DRAWING</li> </ul>	100% OR AS PER QAP	INTERNAL INSPECTION REPORT
	APPLY PAINT (RED OXIDE OR PAINTING SCHEDULE OR ANTI RUST OIL)	<ul style="list-style-type: none"> <li>APPLICATION OF PAINT OR ANTI RUST</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 (*NOTE 2)	<ul style="list-style-type: none"> <li>AS PER PACKING DRAWING</li> </ul>	100%	--
	DISPATCH	<ul style="list-style-type: none"> <li>AS PER SCHEDULE</li> </ul>	100%	PACKING LIST