



PPEP STAGES

- 1- RTS (REVIEW OF TECHNICAL SPECIFICATIONS): It is the department where the technical infrastructure required for product production is controlled. In this phase, the technical drawing of the product and the customer requirements are evaluated and the mold, gauge, test and control apparatus etc. required for the production of the product are evaluated. needs are identified and the feasibility of the product is confirmed.
- 2- PIC (PACKAGING INSTRUCTION CONFIRMATION + LOGISTICAL REQUIREMENTS): This is the phase in which all details about the packaging and shipping of the product after production are determined.
- 3- PROCESS FLOW CHART: It is the work flow diagram of the product. In this phase, it is clearly stated which stages the product will go through and which processes it will go through.
- 4- P-FMEA (COMPONENT AND SUB-ASSEMBLY VERIFICATION PLAN): The assessment of risks and opportunities. In this phase, all operations carried out from procurement of product as raw material to shipment to the customer are evaluated and risks that may be encountered are minimized by performing risk analysis.
- 5- TR (TRECEABILITY): The production of the product should be traceable. If any error is encountered, the source of the problem is found directly and the process is corrected.
- 6- CP (CONTROL PLAN): It includes all control stages from raw material input to shipment. In this phase, controls are determined in which processes, how often, how and which measuring instruments to use.
- 7- CAP:
- 8- INITIAL SAMPLE DIMENSIONAL RESULT (MEASURING REPORT + REFERENCE DRAWING): The first samples of the product are produced, reported and shipped to the customer. In this phase, the customer verifies the produced product and gives the approval for the transition to mass production. A product made together with the approved samples is stored as a witness sample.
- 9- MIS:
- 10- PFE (PRODUCT FUNCTIONAL EVALUATION): In this phase, function tests are carried out considering the customer's wishes and expectations. For example, product life test, compressive strength tests, elongation tests, twistability tests (etc.) are done at this stage, reported and shared with the customer.
- 11- LT:
- 12- MC (MATERIAL CERTIFICATION): The test certificates of all raw materials used during the production of the product are collected and sent to the customer.
- 13- 3RD (THIRD PARTY DOCUMENTATIONS): Third party documentation is shared with the customer at this stage. For example, laboratory tests on raw materials, TSE certificate, CE certificate, ISO certificate etc.
- 14- COC:
- 15- BP:
- 16- FINAL INSPECTION PLAN (100% CHECK LABEL): Produced products or products are shipped to the customer after 100% inspection in the first three shipments and these shipments are labeled with 100% control label. Subsequent shipments are checked according to the sampling table by taking samples and sent to the customer.
- 17- DOC (DECLARATION OF PART CONTENT): The raw material content of the product is declared in percentage slices and this document declares and undertakes that no harmful substances are used in the product content. The material and moral obligations of the damages resulting from the use of any prohibited substance are assumed.