



PPEP STAGES

1- RTS (REVIEW OF TECHNICAL SPECIFICATIONS): It is the section to examine the control of the technical infrastructure required for product production. In this phase, the production technical picture and customer requests are evaluated, these requests are the mold, gauge, test and control apparatus etc. feasibility and feasibility is confirmed.

2- PIC (PACKAGING INSTRUCTIONS APPROVAL + LOGISTICS REQUIREMENTS): It is the phase in which all the details about the packaging and shipment 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 stated at which stage the product will pass and which tasks it will perform at which stations.

4- P-FMEA (COMPONENT AND SUB-ASSEMBLY VERIFICATION PLAN): It is the evaluation of risks and opportunities. In this phase, all operations from the supply of the product as raw material to the delivery to the customer are evaluated and risks that may be encountered are minimized by performing risk analysis.

5- TR (TRACEABILITY): The product must be manufacturable, when the error is encountered, the source of the problem is found and the errors are eliminated.

6- CP (CONTROL PLAN): It includes all control stages from raw material entry to shipment of the product. In this phase, in which processes, how often, how measuring instruments will be used and what measurements will be used.

7- CAP:

8- FIRST SAMPLE DIMENSIONAL RESULT (MEASUREMENT REPORT + REFERENCE DRAWING): The first tests of the product are produced, reported and sent to the customer. In this phase, the customer verifies the product and gives approval for the transition to mass production, and a product is stored as an experiment with the approved tests.

9- MIS:

10- PFE (PRODUCT FUNCTIONAL EVALUATION): In this phase, function tests are carried out considering the requests and expectations of the products. For example, product life test, compressive strength tests, elongation tests, flexibility tests (etc.) are done at this stage and reported and shared with the customer.

11- LT:

12- MC (MATERIAL CERTIFICATION): Test certificates of all raw materials used in 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, tests made on raw materials, TSE certificate, CE certificate, ISO certificate etc.

14- COC: (CERTIFICATE OF CONFORMITY)

15- BP:

16- FINAL INSPECTION PLAN (100% CONTROL LABEL): The manufactured product or products are 100% controlled in the first three shipments and shipped to the customer and these shipments are labeled with a 100% control label. The shipments to be made later can be tried and shipped to the customer by trial experience.

17- DOC (PART CONTENT STATEMENT): The raw material content of the product is declared in percentages, with this document, it is declared and committed that no harmful substances to human health and nature are used in the product content. The material and moral applications of the damages that will occur as a result of the use of a banned substance are undertaken.