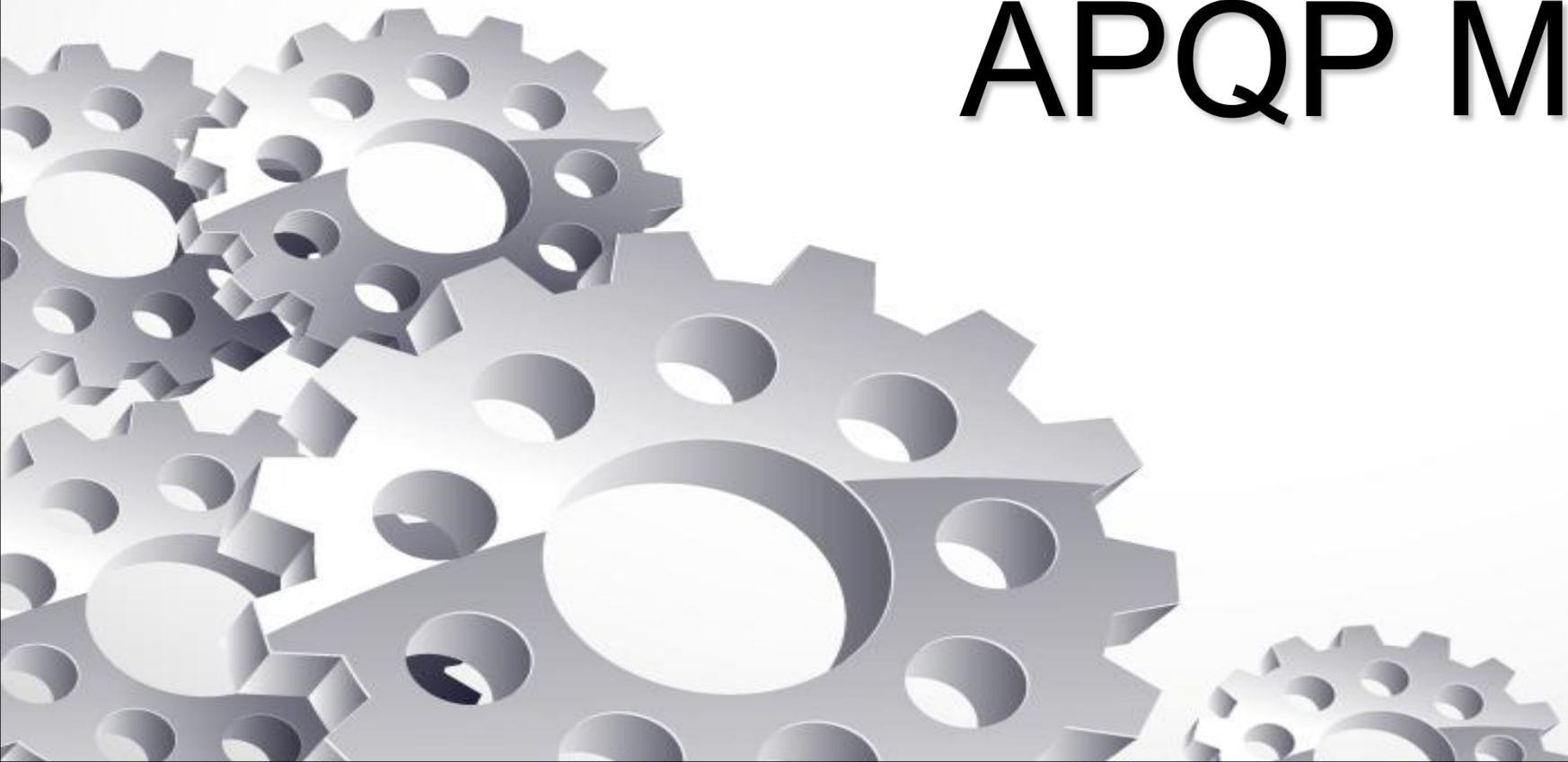


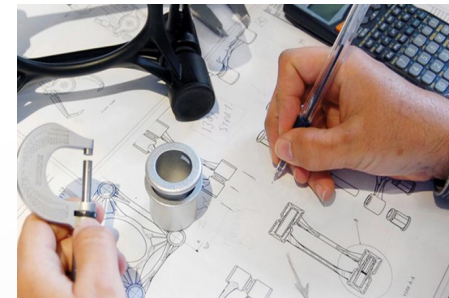
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APQP Module

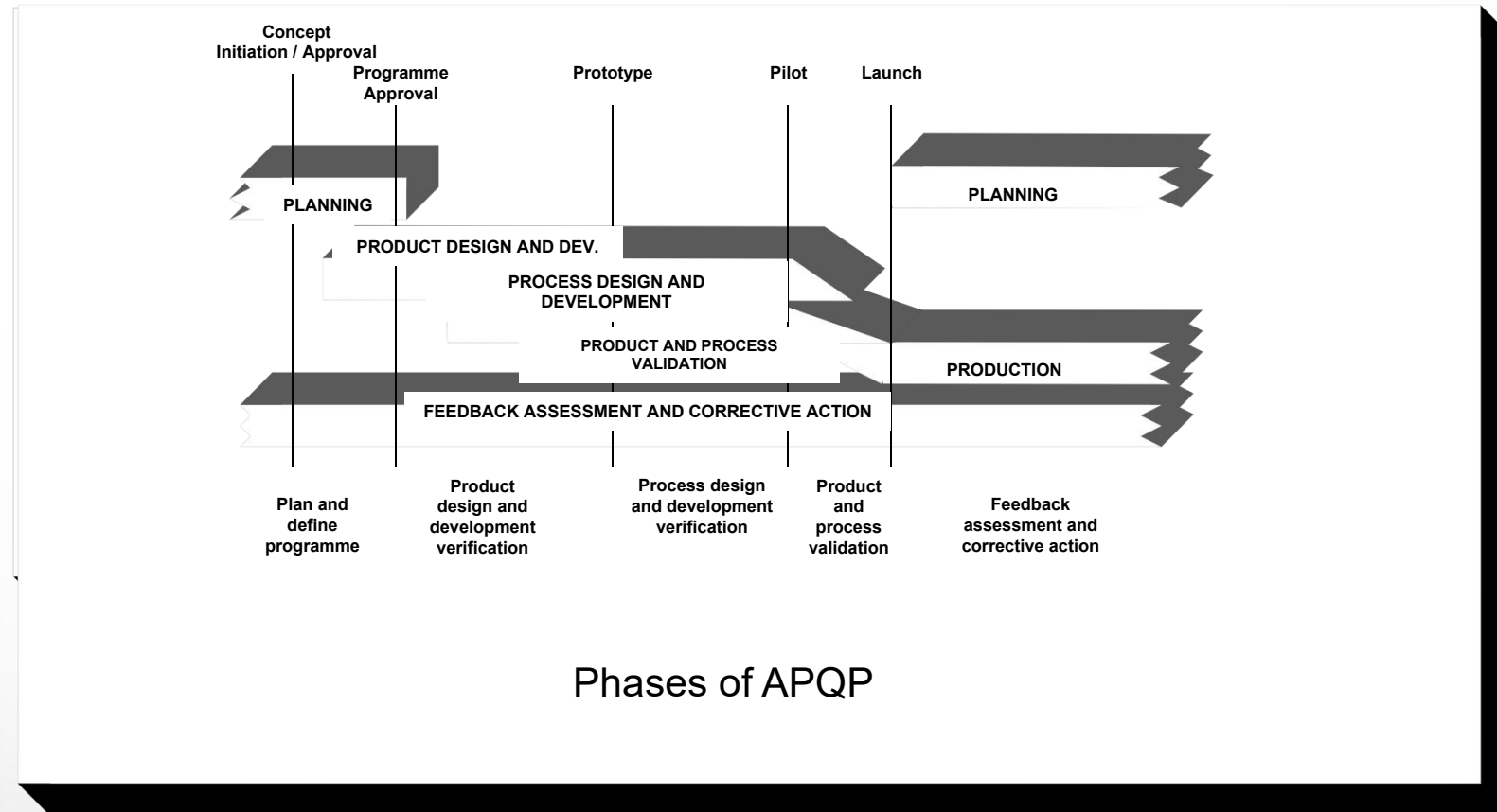
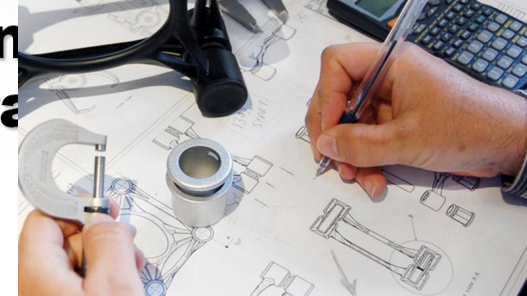


Advanced Product Quality Planning (APQP) & Production Part Approval Process (PPAP)

- Every organization need to systematically understand the customer requirements and ensuring that all the requirements are met when it submits samples, pilot lots and starts production.
- APQP involves Quality planning, use of quality tools with all management functions, multi-disciplinary team approach
- APQP is typically a project with multiple activities by CFT members. A typical APQP time plan is shown in next slide.

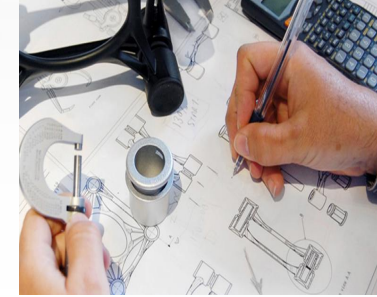


Advanced Product Quality Planning (APQP) & Production Part Approval Process (PPAP)





Advanced Product Quality Planning (APQP) & Production Part Approval Process (PPAP)



- After development of new parts/ samples, those need to be critically evaluated against customer requirements. Once, Organization finds that parts are meeting customer requirements, samples are submitted to customer along with necessary inspection and test reports.
- Next step is to build/ manufacture a bigger lot, typically called pilot lot consisting of 50-100 parts/ samples. This process must continue till customer is confident of your process capability and would advise the organization to start mass production.



Advanced Product Quality Planning (APQP) & Production Part Approval Process (PPAP)



- Customer might witness mass production customer, or it can ask the organization to supply mass produced lot with all capability reports. This lot shall be used by process, and they will evaluate your organization performance including your process capability, capacity, people trained, gauging requirements and so on. This process is typically called PPAP process, and a Parts Submission Warrant (PSW) is signed off by customer.

This module facilitates capturing all activities, their timelines, their revision, responsibilities, reason of delay including critical milestones of customers.