# Difference

| Quality Control | Quality Assurance : |
|---|---|
| • **What: The activities or techniques** used **to achieve and maintain** the product quality, process and service. <br><br> • **How: Finding & eliminating causes of quality problems** through tools & equipment so that customer's requirements are continually met. | • **What: Prevention of quality problems** through planned and systematic activities including documentation. <br><br> • **How: Establish a good quality management system and the assessment** of its adequacy & conformance audit of the operation system & the review of the system itself. |

# Difference

| Quality Control | Quality Assurance : |
|---|---|
| • Product | • Process |
| • Reactive | • Pro-active |
| • Line Function | • Staff Function |
| • Find the defects | • Prevent the defects |
| • Walk through | • Quality Audit |
| • Testing | • Defining Process |
| • Inspection | • Selection of tools |
| • Checkpoint Review | • Trainings |

# Other Definitions

## Merriam Dictionary

- Quality Control is the **activity of checking** goods as they are produced to make sure that the final products are good

- Quality Assurance is a **program for the systematic monitoring and evaluation** of the various aspects of a project, service, or facility to ensure that standards of quality are being met

## Oxford Dictionaries

- Quality Control is a **system of maintaining standards** in manufactured products by testing a sample of the output against the specification.

- Quality Assurance is the **maintenance of a desired level of quality** in a service or product, especially by means of attention to every stage of the process of delivery or production.

# Difference

| Quality Control (QC) | Quality Assurance (QA) |
|---|---|
| QC is performed **after the work** has been completed and the deliverable is created. | QA is **performed while** the work is being done to create the deliverable. |
| QC is performed on the **created** deliverable. | QA is performed on the **process** to create the deliverable. |
| QC is all about **created deliverables** – perform testing & inspections, finding faults & defects, analyze faults & defects, suggest repairs etc. | QA is all about defined **processes** – follow process, ensure processes are followed, analyze processes, find process gaps, suggest process improvements etc. |