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LABS

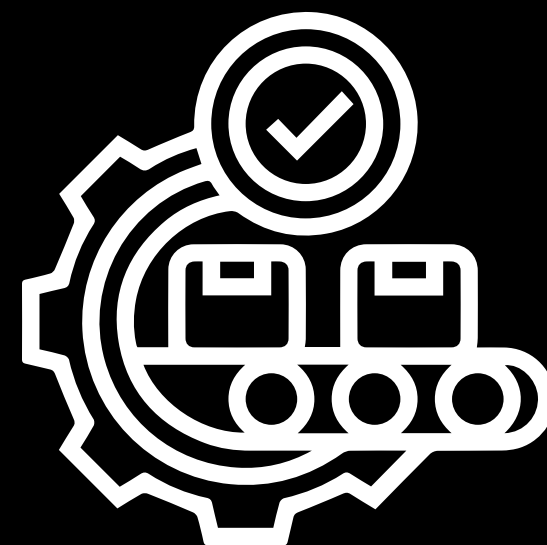# QUALITY
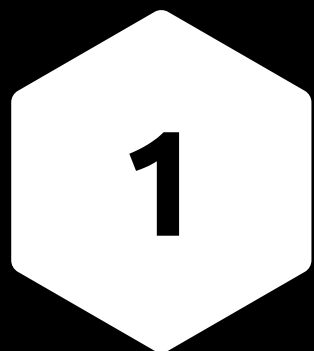# ASSURANCE **VS** QUALITY
CONTROL

EVER WONDERED WHAT IS THE DIFFERENCE BETWEEN A QA AND QC?

LET US WALK YOU THROUGH IT.

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1 WHAT IS THE MAIN OBJECTIVE?

QA | PREVENT DEFECTS AND MISTAKES.

QC | FIX DEFECTS AFTER IDENTIFYING THEM.

2 WHAT SETS THEM APART?

QA | PREVENTIVE TECHNIQUE AND PROACTIVE MEASURE

QC | CORRECTIVE TECHNIQUE AND REACTIVE MEASURE

3 HOW DO THEY APPROACH WORK?

QA

PROCESS ORIENTED: THEY ARE DIRECTLY RELATED TO THE SYSTEMATIC AND PLANNED ACTIVITIES INVOLVED IN MAKING THE PRODUCT.

QC

PRODUCT ORIENTED: THEY ARE RELATED TO THE OPERATIONAL ACTIVITIES AS WELL AS TECHNIQUES THAT ARE USED TO INSPECT AND ENSURE THAT REQUIREMENTS OF QUALITY HAVE BEEN MET.

4 WHAT ARE THEIR CORE FUNCTIONS?

QA

THEY MANAGE QUALITY BY DEFINING THE PROCESSES, STRATEGIES, AND POLICIES, DEVELOPING CHECKLISTS, AND ESTABLISHING STANDARDS THAT NEED TO BE FOLLOWED THROUGHOUT THE COURSE OF THE PROJECT.

QC

THEY FOLLOW SET GUIDELINES AS THE PROJECT PROGRESSES AND PRODUCTS ARE BEING MADE TO VERIFY QUALITY, DISCOVER DEFECTS AND CORRECT THEM.

5 WHAT ARE THEY RESPONSIBLE FOR?

QA | THEY ARE RESPONSIBLE FOR ALL THE INDIVIDUALS INVOLVED IN DEVELOPING THE PRODUCT OR SERVICE.

QC | THEY ARE RESPONSIBLE FOR A PARTICULAR TEAM THAT TESTS THE PRODUCT OR SERVICE TO CHECK FOR BUGS AND FIXES THEM.

6 SQC VS. SPC

QA

WHEN STATISTICAL TOOLS AND TECHNIQUES ARE APPLIED TO END PRODUCTS, THEY ARE REFERRED TO AS STATISTICAL QUALITY CONTROL (SQC) AND THEY BECOME A PART OF QUALITY ASSURANCE.

QC

WHEN STATISTICAL TOOLS AND TECHNIQUES ARE APPLIED TO PROCESSES THEY ARE REFERRED TO AS STATISTICAL PROCESS CONTROL (SPC) AND THEY BECOME A PART OF QUALITY CONTROL.

Want to learn and grow with us?

JOIN OUR TEAM

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