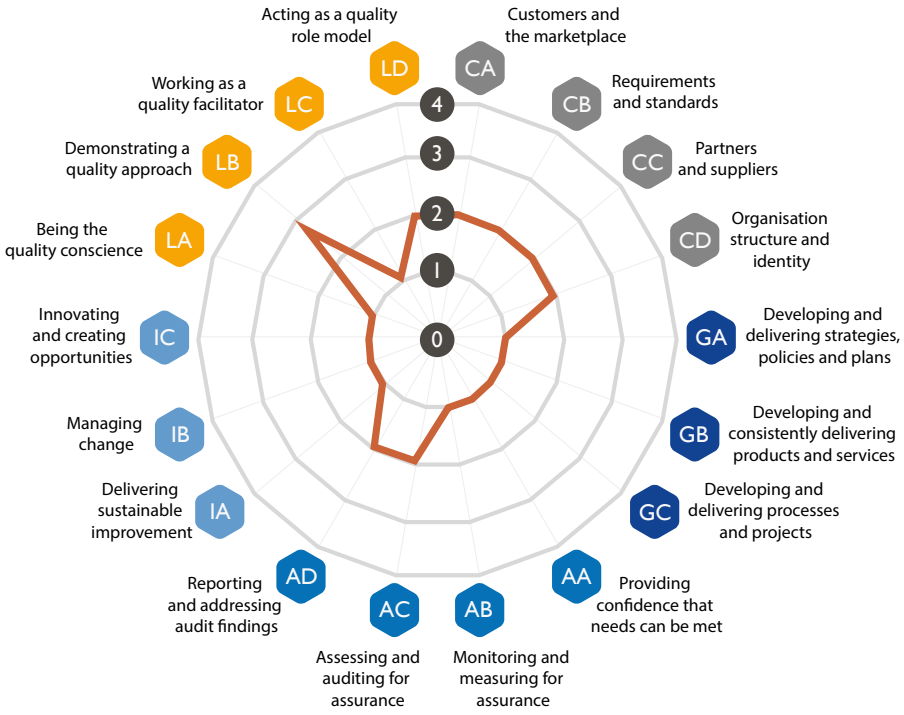
CQI | IRCA
LEADING QUALITY SINCE 1919

Typical Competence Profile: Quality Engineer



This profile displays a summary of the competence of a typical **Quality Engineer**. It describes the typical tier of competence for each of the 18 components of The Profession Map across the five elements of **Context, Governance, Assurance, Improvement** and **Leadership**.

Tiers of competence summary definitions

Tier 1: Basic understanding and application of quality concepts in simple, supervised tasks.

Tier 2: Consistent, independent application of quality knowledge and skills, contributing to more complex tasks with guidance.

Tier 3: Experienced in complex tasks, capable of supervising and training others, and developing new approaches.

Tier 4: Expert leadership and advisory level, solving complex problems, shaping strategy, and guiding organisational actions.

What is a Quality Engineer?

A typical **Quality Engineer** plays a technical and hands-on role in ensuring product and process quality within an organisation. They are responsible for testing, analysing, and improving quality systems. Working closely with cross-functional teams, they identify and resolve quality issues, develop standard operating procedures, and perform root cause analysis to drive continuous improvement.

A typical Quality Engineer has specialist, in-depth knowledge of processes, products, or systems. They provide technical expertise that underpins the strategies and improvements led by a Quality Manager – who they may report directly to or to senior engineers. Their role may be critical in translating quality policies into actionable solutions and ensuring products and services meet internal and external standards.

To discover more about job titles associated with the role of Quality Engineer, the typical activities they undertake, and what the tiers of competence mean, visit:
www.quality.org/typical-competence-profiles/quality-engineer-profile