

# **QUALITY GATES: UN INSTRUMENT PUTERNIC PENTRU PROIECTELE DE NOI PRODUSE**

## **QUALITY GATES: A POWERFUL TOOL FOR NEW PRODUCT PROJECTS**

**Conf.dr. Hortensia GORSKI**

Universitatea Româno-Germană din Sibiu

**Prof.dr. Luigi DUMITRESCU**

Universitatea "Lucian Blaga" din Sibiu

**Asist. Mircea FUCIU**

Universitatea Româno-Germană din Sibiu

**Abstract:** This paper presents the methodology for Quality Gates (QG) implementation based on a new product development project. At the beginning, the paper presents some theoretical aspects regarding Quality Gate, a concept that can be assigned to the quality management, project management, and risk management. Following the accomplishment steps of a project, we have elaborated a company's strategic analysis, we have determined the financial feasibility and we have made the activities' planning, and then we have established the Quality Gate and how they are used within a product's development project „Nockenwellenrad, Camshaft gear wheel”. Based on the experience, and both on theoretical research and practical findings, a QG implementation methodology was elaborated. These methodology is very useful for all Romanian enterprises; It can be applied in others industries too, because it is fully customizable.

**Keywords:** Quality Gates, Managers, Project Management, Decision Points.