

Developing an integrated management system in a waste treatment facility

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Abstract

Integrated management systems have been implemented in several industrial sectors aiming to fulfil, simultaneously, several stakeholders' requirements. The most common management subsystems combined into an integrated system are the quality management subsystem, the environmental management subsystem and the occupational health and safety management subsystem. It is intended in this paper to report an *in situ* implementation of an integrated management system based on the quality and environmental management subsystems in a waste treatment facility. The main features concerning the current implementation phase will be presented as well the strategies adopted to assure a full integrated and functional system. Some specific issues concerning the industrial sector (waste treatment) will be discussed and some critical successful pre-requirements (namely those related to information flow within the organization) will be reported. Finally, this paper will address also some information collected from the bibliography available on this topic as well the integrated management systems dissemination throughout Portugal.

Keywords: integrated management system, implementation, waste treatment