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## Contents

## 1 Introduction

Nowadays, the health and safety of the occupants of buildings is an important issue. Air quality is a key factor. Together with temperature or humidity normally related with air conditioning system parameters, the

"on-line" monitoring of air contaminants is very important and assures the people safety at work signification and the people safety at work signification and the people safety at work significant the people safety at the people safety significant t monitoring offers a number of important benefits including energy savings through demand-based control of outside air intake, improving and optimizing the air quality of the facility and identifying potential air quality problems at early stages.

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