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Titolo	Environmental ergonomics : commercial kitchens in a semi-tropical city / / Sasi Gangiah
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Descrizione fisica	1 online resource (xxi, 333 pages) : illustrations
Disciplina	643.3
Soggetti	Kitchens - Planning - Environmental aspects Environmental engineering - South Africa - Durban
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Overview and background of the study -- Heat and thermal comfort -- Ventilation and humidity -- Noise and its effect on workers' health -- Lighting in kitchens -- Research methodology -- Data presentation, analysis and discussion : heat and thermal comfort -- Data presentation, analysis and discussion : ventilation and humidity -- Data presentation, analysis and discussion : noise in kitchens -- Data presentation, analysis and discussion : lighting in kitchens -- Conclusion and recommendations.
Sommario/riassunto	"This book focuses on the environmental ergonomics of restaurant kitchens and the challenges related hereto in a semitropical city from a chef's perspective. It establishes the urgent need for commercial kitchens to be conducive to the well-being of kitchen workers as heat illness is unreported in this industry. This research is relevant from an occupational health and safety point of view. It evaluates the indoor environmental quality (IEQ) parameters such as heat, ventilation and humidity, noise and lighting in kitchens, cognisant that with different cuisines, the kitchen loads are different. The goals of occupational safety are health intervention for worker comfort to enhanced work performance. The book generates new knowledge regarding the factors affecting the body mass index of kitchen workers, prediction of heat and humidity near cooking stoves, discomfort near ovens, lighting in preparation areas and factors affecting reaction to stove noise. The book implements an exploratory design with multiple case studies."--

Publisher's description.