

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ANSI/ASHRAE 62.1-2007 Ventilation for Acceptable Indoor Air Quality

Author: ASHRAE

References: <http://www.ashrae.org/technology/page/548>

Publish Date: 2007-03-03

Validity date (if - exists):

Short description

Max 3 sentences: The purpose of this standard is to specify minimum ventilation rates and other measures intended to provide indoor air quality that is acceptable to human occupants and that minimizes adverse health effects.

Keywords: indoor air quality, ventilation rates

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: No

Other: -

Main indicators list

1st indicator: Health - Indoor Air Quality

2nd indicator: Comfort - ventilation conditions

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ANSI/ASHRAE 62.2-2007: Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (ANSI Approved)

Author: ASHRAE

References: <http://www.ashrae.org/technology/page/548>

Publish Date: 2007-03-03

Validity date (if exists): -

Short description

Max 3 sentences: This standard applies to spaces intended for human occupancy within single-family houses and multifamily structures of three stories or fewer above grade, including manufactured and modular houses. This standard does not apply to transient housing such as hotels, motels, nursing homes, dormitories, or jails.

Keywords: indoor air quality, ventilation rates

Details

Type: Voluntary

Building type applicable:

Office: No

Residential: Yes

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Comfort - Indoor Air Quality

2nd indicator: Health - Ventilation conditions

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ANSI/ASHRAE 90.1-2007 Energy Standard for Buildings Except Low-Rise Residential Buildings
Author: ASHRAE
References: <http://www.ashrae.org/technology/page/548>
Publish Date: 2008-03-12
Validity date (if exists): -

Short description

Max 3 sentences: This standard defines the roles of and minimum requirements for mechanical and natural ventilation systems and the building envelope intended to provide acceptable indoor air quality in low-rise residential buildings
Keywords: indoor air quality, ventilation systems

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: Yes
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Comfort - Indoor Air Quality
2nd indicator: Health - Ventilation conditions

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ANSI/ASHRAE 90.2-2007: Energy Efficient Design of Low-Rise Residential Buildings (ANSI/ASHRAE Approved)
Author: ASHRAE
References: <http://www.ashrae.org/technology/page/548>
Publish Date: 2007-03-03
Validity date (if exists): -

Short description

Max 3 sentences: The purpose of this standard is to provide minimum requirements for the energy-efficient design of residential buildings.
Keywords: energy-efficient design, new residential dwelling units

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: Yes
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Energy - energy-efficient design

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: KNX standard
Author: KNX
References: <http://www.knx.org/knx-standard/standardisation/>
Publish Date:
Validity date (if exists): -

Short description

Max 3 sentences: The worldwide STANDARD for all applications in home and building control, ranging from lighting and shutter control to various security systems, heating, ventilation, air conditioning, monitoring, alarming, water control, energy management, metering as well as household appliances, audio and lots more. The technology can be used in new as well as in existing home and buildings

Keywords: Home control, Building control

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Comfort - Hygrothermal comfort
2nd indicator: Comfort - Ventilation conditions
3rd indicator: Energy - Energy management

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SPC 188P - Proposed Standard authorized 6/30/05. Prevention Practices for Legionellosis Associated with Building Water Systems

Author: ASHRAE (USA)

References: <http://www.ashrae.org/publications/detail/14891>

Publish Date:

**Validity date -
(if exists):**

Short description

Max 3 sentences: The purpose of this standard is to present practices for the prevention of Legionellosis associated with building water systems. This standard provides design, environmental and operational practices for the prevention of Legionellosis associated with building water systems. This Standard applies to human occupied buildings, excluding single family residential buildings. While not specifically intended for non-centralized or single family residential building systems, some of the information may be useful for those systems.

Keywords: Building Water Systems, Legionellosis

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: No

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - Legionellosis Associated with Building Water Systems

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Green Building Standard
Author: Israel Ministry of Environmental Protection
References: http://www.sviva.gov.il/bin/en.jsp?enPage=e_BlankPage&enDisplay=view&enDispWhat=Object&enDispWho=Articals^14609&enZone=israel_green
Publish Date: 2005-11-01
Validity date (if exists): -

Short description

Max 3 sentences: The Israel Standard for Green Building (5281), approved by the Standards Institution of Israel in November 2005, consists of a series of criteria and requirements. Buildings that comply with these requirements are certified as green buildings. This "green label" serves both developers and consumers. It provides developers with a marketing advantage, proving the quality of their projects, and serves as a measure of the quality of the building and its usage for consumers.

Keywords: Green label

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Economic indicators for the indoor environment - Energy

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Guidelines for Sustainable Building
Author: Israel Ministry of Environmental Protection
References: http://www.sviva.gov.il/bin/en.jsp?enPage=e_BlankPage&enDisplay=view&enDispWhat=Zone&enDispWho=guide_build&enZone=guide_build

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Properly managed, green pilot projects should yield reduced costs for the entire life of buildings, provide safer and more productive work environments, and prevent the inadvertent creation of pollution by-products that may later require costly remediation. In addition, the large quantities of construction and demolition waste which exist in Israel provide for the possibility of recycling and reuse. Therefore, green building guidelines and green demonstration projects are expected to accelerate the development of new markets for the reuse of recyclable materials.

Keywords: slab and foundations, building shell, fenestration and glazing

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Economic indicators for the indoor environment

2nd indicator: Health

3rd indicator: Energy

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: National Strategy plan for Sustainable Development
Author: Israel Ministry of Building
References: <http://www.moch.gov.il/NR/rdonlyres/740E5BC9-A4D0-4E0D-AF5D-BA61CAB20263/2721/TohnitAstrategitLePituhBarKayma1.pdf>
Publish Date: 2006-10-10
Validity date (if exists): -

Short description

Max 3 sentences:

Keywords: Sustainable Development, Regulations, Planning

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: Industry

Main indicators list

1st indicator: Economic indicators for the indoor environment - Energy

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: INIES database
Author: French database of reference on environmental and health characteristics of building products
References: <http://www.inies.fr>
Publish Date:
Validity date (if exists): -

Short description

Max 3 sentences: French reference database about environmental and sanitary features of the building materials
Keywords: life cycle assessment, building materials

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: all type

Main indicators list

1st indicator: Health - VOCs and formaldehyde emission
2nd indicator: Health - VOCs and formaldehyde emission - radioactive emission (mSv/yr)
3rd indicator: Health - radioactive emission (mSv/yr)+ - fiber emission

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Access to Buildings for Disabled People
Author: The British Standards Institution
References: BS8300: Access for disabled people to buildings: 2009 (2nd Edition), BSI, UK
Publish Date: 2009-03-01
Validity date (if exists): -

Short description

Max 3 sentences: Access standard/code of practice for use by designers of non-domestic buildings in the UK. This standard cover access to and within non-domestic buildings.

Keywords: Access, Non-domestic building

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: Yes
Commercial: Yes
Educational: Yes
Other: all non-domestic

Main indicators list

1st indicator: Accessibility - Non-Domestic accessibility standard UK

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Accessible Housing
Author: The British Standards Institution
References: DD266, Accessible Housing, BSI, 2008, UK
Publish Date: 2008-01-01
Validity date (if exists): -

Short description

Max 3 sentences: Access to and around houses for use by designers in the UK. This is a voluntary standard that complements BS8300. It typically goes beyond regulatory requirements for access to housing.

Keywords: accessible, housing

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: Yes
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Accessibility - Accessibility of housing in the UK

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: BS 8300:2008 - Design of buildings and their approaches to meet the needs of disabled people - Code of practice

Author: The British Standards Institution

References: <http://www.bsigroup.com/en/Shop/Publication-Detail/?pid=00000000030153846>

Publish Date: 2009-02-28

Validity date (if exists): -

Short description

Max 3 sentences: BS 8300 explains how the built environment can be designed to anticipate, and overcome, restrictions that prevent disabled people making full use of premises and their surroundings

Keywords: accessibility

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Accessibility

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: NEN 1814 - Toegankelijkheid van buitenruimten, gebouwen en woningen
Author: Nederlands Normalisatie-instituut
References: <http://www2.nen.nl/nen/servlet/dispatcher.Dispatcher?id=BIBLIOGRAFISCHEGEGEVENS&contentID=141422>
Publish Date: 2001-11-01
Validity date (if exists): -

Short description

Max 3 sentences: This norm give general requirement for the accessibility of buildings.
Keywords: accessibility

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Accessibility

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: British Standard: BS EN 15251: 2007

Author: British Standard Institution

References: www.standardsuk.com

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics

Keywords: indoor environment, energy

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: sport facilities, hospitals

Main indicators list

1st indicator: Health

2nd indicator: Comfort

3rd indicator: Safety

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Indoor climate standards

Author: ISO, EN

References: ISO 7730, EN 15231

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Present indoor climate standards are developed on the concept of average person. However people are different and the concept of average person most often does not work in practice. The standards need to be updated and modified to address this issue and make it possible to implement technologies for individually controlled environment in practice.

Keywords: non-uniform environment, micro-environment, individual control

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: No

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort - comfort

2nd indicator: Health - health

3rd indicator: Economic indicators for the indoor environment - economic indicators for the indoor environment

4th indicator: Energy - energy

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Building Energy Efficiency Standards
Author: Polish Ministry of Infrastructure Regulation
References: Amendments to the Construction Act of 19/09/2007 Ministry of Infrastructure Regulation of 6/11/2008
Publish Date: 2009-01-01
Validity date (if exists): -

Short description

Max 3 sentences: Since 1st January 2009 every new building in Poland needs to possess a certificate that indicates detailed technical and economical parameters of the building. It particularly summarizes the use of energy and information on possible alternative energy sources. These need to be in the range of acceptable values.

Keywords: energy efficiency, energy certificate

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Energy - Integrated Energy Characteristics

2nd indicator: Energy - Warmth Infiltration Indicator

Additional information

Comments: -

Indoor Environment Quality Standard Survey

Basic Information

Title: NBN EN 81-70:2003 Safety rules for the construction and installations of lifts - Particular applications for passenger and good passengers lifts - Part 70: Accessibility to lifts for persons including persons with disability

Author: European committee for Standardization (CEN)

References: <http://www.cen.eu/eseach>

Publish Date: 2003-07-09

Validity date (if exists): -

Short description

Max 3 sentences: This European Standard specifies the minimum requirements for the safe and independent access and use of lifts by persons, including persons with the disabilities.

Keywords: accessibility, lifts, safety

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Safety

4th indicator:

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: NBN EN 14383-1 : Prevention of crime - Urban planning and building design - Part 1: Definition of specific terms

Author: European committee for Standardization (CEN)

References: <http://www.cen.eu/esearch/>

Publish Date: 2006-08-01

Validity date (if - exists):

Short description

Max 3 sentences: This European Standard is the terminology part of a series for the "Prevention of crime by urban planning and building design". For some specific terms used in the other parts, dealing with urban planning, dwellings, shops and offices, it provides equivalent terms in three languages, as well as definitions.

Keywords: safety, security

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Safety

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: CEN/TS14383-3 :2005 : Prevention of crime - Urban planning and building design - Part 3 : Dwellings

Author: European committee for Standardization (CEN)

References: <http://www.cen.eu/esearch/>

Publish Date: 2006-01-01

Validity date (if - exists):

Short description

Max 3 sentences: This Technical Specification gives guidance and recommendations for reducing the risk of crimes against people and property in dwellings and their immediate surroundings through planning and design. It covers new and existing dwellings, in single or multiple units

Keywords: safety, security

Details

Type: Voluntary

Building type applicable:

Office: No

Residential: Yes

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Safety

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: CEN/TS 14383-4:2006 : Prevention of crime - Urban planning and design - Part 4: Shops and offices
Author: European committee for Standardization (CEN)
References: <http://www.cen.eu/esearch/>
Publish Date: 2006-05-01
Validity date (if exists): -

Short description

Max 3 sentences: This document provides guidance and a recommended strategy for combating burglary, theft, arson and other crimes committed against retailers and other businesses. It applies to both new and existing shops and offices
Keywords: Safety, Security

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: No
Commercial: Yes
Educational: No
Other: -

Main indicators list

1st indicator: Safety
4th indicator:

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: NBN S 01-401 « Valeurs limites des niveaux de bruits en vue d'éviter l'inconfort dans les bâtiments » (1987)
Author: NBN (Belgian norm institute)
References: www.nbn.be
Publish Date: 1987-11-01
Validity date (if exists): -

Short description

Max 3 sentences: This norm defines maximum acoustic levels in rooms in respect to their use. It takes in account exterior noise (i.e. traffic noise, industrial noise) and interior noise (devices noise, neighbour noise)

Keywords: acoustic, noise level

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort - maximum acoustic level
2nd indicator: Health

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: NBN S 01-400-1 « criteres acoustiques pour les immeubles d'habitation » (2008)
Author: NBN (Belgian norm institute)
References: www.nbn.be
Publish Date: 2008-01-01
Validity date (if exists): -

Short description

Max 3 sentences: This norm defines comfortable acoustic level in building
Keywords: acoustic level

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: Yes
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: NEN 1070 « Geluidwering in gebouwen - Specificatie en beoordeling van de kwaliteit » (1999)
Author: Nederlands Normalisatie Institute (NEN)
References: www.nen.nl
Publish Date: 1999-03-01
Validity date (if exists): -

Short description

Max 3 sentences: This norm give a method to quantify the acoustical levels by taking in account impact noise, aerial noise and devices noise
Keywords: acoustic level

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: NBN EN ISO 7730 (2006) : « Ergonomics of the thermal environment — Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria (ISO 7730:2005) »

Author: International organisation for Standardization (ISO)

References: www.iso.org

Publish Date: 2005-11-15

Validity date (if exists): -

Short description

Max 3 sentences: This norm give a method to determine the thermal comfort

Keywords: thermal comfort

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: BS 9999:2008 Code of practice for fire safety in the design, management and use of buildings
Author: British Standards Institute (BSI)
References: <http://www.bsigroup.com/Shop/Publication-Detail/?pid=000000000030158436>
Publish Date: 2008-10-31
Validity date (if exists): -

Short description

Max 3 sentences: BS 9999 gives recommendations and guidance on the design, management and use of buildings to achieve acceptable levels of fire safety for all people in and around buildings.
Keywords: Fire Safety, Disabled people

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Safety

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: EN 15251 (2007) Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics

Author: European committee for Standardization (CEN)

References: <http://www.cen.eu/esearch/>

Publish Date: 2007-09-01

Validity date (if exists): -

Short description

Max 3 sentences: This standard defines indoor input parameters for design and assessment of energy performance of buildings

Keywords: indoor indicator, air quality, environmental indicator

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Health

3rd indicator: Energy

4th indicator:

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: NBN EN 12464-1 : Light and lighting - Lighting of work places - Part 1: Indoor work places.
Author: European committee for Standardization (CEN)
References: European committee for Standardization (CEN)
Publish Date: 2003-03-01
Validity date (if exists): -

Short description

Max 3 sentences: This european standard specifies lighting requirements for indoor work places, which meet the needs for visual comfort and performance.
Keywords: visual comfort

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
4th indicator:

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Bouwfysische kwaliteit Rijkshuisvesting (Guideline Building Physical quality Governmental Buildings)
Author: Dutch Government building agency
References: Dutch Government building agency - - sept 1999
Publish Date: 1999-09-01
Validity date (if exists): -

Short description

Max 3 sentences: Includes (generally) performance based indoor environmental requirements for governmental building (mainly offices). It contains more strict requirements compared to the Dutch Building Decree and is often also applied for performance specification for non-governmental buildings in the Netherlands. It also provides target values and assessment methods (reference).

Keywords: performance requirements, indoor climate, air quality

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: No

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Health

2nd indicator: Comfort

3rd indicator: Energy

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Binnenmilieu gerelateerde input parameters voor ontwerp en beoordeling van energieprestatie van gebouwen voor de kwaliteit van binnenlucht, het thermisch comfort, de verlichting en akoestiek

Author: Nederlands Normalisatie-instituut

References: NEN-EN 15251:2007 Delft, the Netherlands Original version: EN 15251 - CEN (European Committee for Standardization) - May 2007

Publish Date: 2007-06-01

Validity date (if exists): -

Short description

Max 3 sentences: European Standard that forms part of a series of standards related to directive 2002/91/EC Energy Performance of Buildings (EPBD). NEN-EN 15251:2007 (E) is Dutch version of that standard.

Keywords: indoor environment, energy, assessment criteria

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Building. External and internal coatings. Analysis of requirements.
Author: UNI - Italian Organization for Standardization
References: <http://webstore.uni.com/unistore/public/productdetails?productId=UNI801200!EIT>
Publish Date: 1979-10-31
Validity date: 1979-10-31

Short description

Max 3 sentences: This standard aims at defining requirements to be satisfied by external and internal coatings of walls and ceilings. The requirements are organized in classes, depending on the main purpose they address, which can be related to safety, comfort (including aesthetic, acoustic, olfactory and visual comfort), conservation of quality.

Keywords: safety, comfort

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Safety - safety of internal coatings
2nd indicator: Comfort - comfort of internal coatings

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: EN ISO 7730:2005 Ergonomics of the thermal environment -- Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria

Author: International Organization for Standardization

References: International Organization for Standardization (www.iso.org)

Publish Date: 2005-11-01

Validity date (if exists): -

Short description

Max 3 sentences: Presents methods for predicting the general thermal sensation and degree of discomfort (thermal dissatisfaction) of people exposed to moderate thermal environments. It enables the analytical determination and interpretation of thermal comfort using calculation of PMV (predicted mean vote) and PPD (predicted percentage of dissatisfied) and local thermal comfort, giving the environmental conditions considered acceptable for general thermal comfort as well as those representing local discomfort.

Keywords: thermal comfort, performance indicators, assessment procedure

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Housing. Internal doors. Soft body impact test.
Author: Italian Organization for Standardization
References: <http://webstore.uni.com/unistore/public/productdetails?productId=UNI820000!EIT>
Publish Date: 1981-06-30
Validity date: 1981-06-30

Short description

Max 3 sentences: This standard defines tests to be done on internal doors in order to verify their level of resistance to soft body impacts. It applies to internal doors with rotatory movement on a vertical lateral axis destined to residential buildings, excluding glass doors and apartments access doors.

Keywords: safety, tests

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: Yes
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Safety - doors safety

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Thermische behaaglijkheid - eisen voor de binnentemperatuur in gebouwen
Author: ISSO (Instituut voor Studie en Stimulering van Onderzoek op het gebied van gebouwinstallaties)
References: Publication 74 Stichting ISSO Rotterdam, The Netherlands
Publish Date: 2004-01-01
Validity date (if exists): -

Short description

Max 3 sentences: This publication includes guidelines for the thermal indoor climate, specifically for offices. It includes the adaptive approach for buildings that are not mechanically conditioned.

Keywords: thermal comfort, adaptive approach, guideline

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: No
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Comfort

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Publicatie 89 Binnenklimaat scholen
Author: ISSO
References: Publication 89 Stichting Isso Rotterdam, The Netherlands
Publish Date: 2008-01-01
Validity date (if exists): -

Short description

Max 3 sentences: This publication presents practical guidelines for indoor climate and climate systems in schools (design, use, commissioning). Quality classes are applied to categorise the indoor climate.
Keywords: indoor climate, school, quality categories

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: No
Commercial: No
Educational: Yes
Other: -

Main indicators list

1st indicator: Health
2nd indicator: Comfort

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0540-2 Thermal protection of buildings - Part 2: Requirements
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date: 2007-04-01
Validity date: 2007-05-01

Short description

Max 3 sentences: Thermal protection of buildings - basic requirements
Keywords: thermal protection, energy demand, heat transmission

Details

Type: Compulsory
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Health
3rd indicator: Energy

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0580 Daylighting in buildings
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date: 2007-06-01
Validity date: 2007-07-01

Short description

Max 3 sentences: Basic requirements on access to daylight
Keywords: daylighting, artificial lighting

Details

Type: Compulsory
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Health
3rd indicator: Safety

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 36 0020 Integral lighting - Basic requirement
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2007-03-01

Short description

Max 3 sentences: Basic requirements on natural, artificial and combined lighting
Keywords: integral lighting

Details

Type: Compulsory
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN EN 12464-1 Light and Lighting - Lighting of work places - Part 1: Indoor work places
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date: 2004-03-03
Validity date: 2004-04-01

Short description

Max 3 sentences: Requirements for lighting in indoor places

Keywords: light, lighting, indoor work place

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN EN 1838 Light and Lighting - Emergency Lighting
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2000-10-01

Short description

Max 3 sentences: Requirements for emergency lighting in buildings

Keywords: light, lighting, emergency lighting

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Safety

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN EN 50172 Emergency escape lighting systems
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2005-03-01

Short description

Max 3 sentences: Requirements for emergency escape lighting in buildings accessible for public
Keywords: lighting, escape lighting, emergency lighting

Details

Type: Compulsory
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Safety
2nd indicator: Comfort

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0532 Acoustics - Protection against noise in buildings and related acoustic characteristics of building products - Requirements
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2000-04-01

Short description

Max 3 sentences: Requirements for sound insulation between rooms in buildings, sound insulation of building envelope and transmission loss of doors and windows
Keywords: sound insulation, noise protection, transmission loss

Details

Type: Compulsory
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0527 Acoustics - Acoustical design of rooms - Rooms for cultural uses - Rooms in schools - Rooms for public purposes
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2005-03-01

Short description

Max 3 sentences: Room acoustic requirements
Keywords: acoustics, acoustical design

Details

Type: Compulsory
Building type applicable:
Office: No
Residential: No
Commercial: Yes
Educational: Yes
Other: Cultural

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0525 Acoustics - Acoustical design of rooms - General principles
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 1998-03-01

Short description

Max 3 sentences: Determine general principles of acoustical design of closed rooms used for listening of music and speech.

Keywords: interior noise, exterior noise, noise protection

Details

Type: Compulsory

Building type applicable:

Office: No

Residential: No

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN EN ISO 717 Acoustics - Rating of sound insulation in buildings and of building elements
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2005-03-01

Short description

Max 3 sentences: Definition of airborne sound and impact sound values for buildings, walls, ceilings, doors, windows.

Keywords: airborne sound, impact sound, sound insulation

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN EN 13779 Ventilation for non-residential buildings. Performance requirements for ventilation and room-conditioning systems

Author: Czech Office for Standards, Metrology and Testing

References: www.cni.cz

Publish Date:

Validity date: 2007-11-01

Short description

Max 3 sentences: Performance requirements for ventilation and room-conditioning systems for non-residential buildings

Keywords: Ventilation, Air-conditioning systems, Thermal comfort, Air quality

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: No

Commercial: Yes

Educational: Yes

Other: Cultural

Main indicators list

1st indicator: Comfort

2nd indicator: Health

3rd indicator: Safety

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN EN 15251 Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics

Author: Czech Office for Standards, Metrology and Testing

References: www.cni.cz

Publish Date:

Validity date: 2008-01-01

Short description

Max 3 sentences: Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting

Keywords: air quality, thermal environment, lighting

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Energy

3rd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 4301 Residential buildings
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2007-07-01

Short description

Max 3 sentences: General principles for designing of residential buildings or residential parts of buildings.

Keywords: design, residential building, family house

Details

Type: Compulsory

Building type applicable:

Office: No

Residential: Yes

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Safety

3rd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 5105 Industrial buildings for production purposes
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2004-01-01

Short description

Max 3 sentences: General principles for designing and reconstruction of industrial buildings
Keywords: design, industrial

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: No
Commercial: Yes
Educational: No
Other: Industrial

Main indicators list

1st indicator: Comfort
2nd indicator: Safety
3rd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 5305 Administration buildings and rooms
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2005-05-01

Short description

Max 3 sentences: General principles for designing of administration buildings and rooms and of their reconstructions.
Keywords: design, administration, office

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: No
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Safety
3rd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 12 7010 Design of ventilating and air conditioning equipment. General regulations.
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date (if exists): -

Short description

Max 3 sentences: General regulation for design of HVAC systems
Keywords: ventilation, air conditioning, heating

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: all

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0802 Fire protection of buildings - Non-industrial buildings
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2009-06-01

Short description

Max 3 sentences: Fire protection, escape paths and escape times

Keywords: fire protection, non-industrial

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Safety

2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0804 Fire protection of buildings - Industrial buildings
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2002-11-01

Short description

Max 3 sentences: Fire protection, escape paths and escape times
Keywords: fire protection, industrial building

Details

Type: Compulsory
Building type applicable:
Office: No
Residential: No
Commercial: No
Educational: No
Other: Industrial

Main indicators list

1st indicator: Safety
2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0833 Fire protection of buildings. Buildings for dwelling and lodging
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 1996-02-01

Short description

Max 3 sentences: Fire protection, escape paths and escape times

Keywords: fire protection, dwelling, lodging

Details

Type: Compulsory

Building type applicable:

Office: No

Residential: Yes

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Safety

2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 0835 Fire protection of buildings - Buildings for sanitary maters and social care
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 2006-02-01

Short description

Max 3 sentences: Fire protection, escape paths and escape times

Keywords: fire protection, sanitary maters, social care

Details

Type: Compulsory
Building type applicable:
Office: No
Residential: No
Commercial: No
Educational: No
Other: Buildings for sanitary maters, social care

Main indicators list

1st indicator: Safety
2nd indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ÈSN 73 4108 Dressing rooms, lavatories and water-closets
Author: Czech Office for Standards, Metrology and Testing
References: www.cni.cz
Publish Date:
Validity date: 1995-10-01

Short description

Max 3 sentences: General principles for designing of dressing rooms, lavatories and water-closets
Keywords: design, dressing rooms, lavatory

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: No
Commercial: No
Educational: No
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Health
3rd indicator: Safety

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Polska Norma PN-EN 15251
Author: Polski Komitet Normalizacyjny
References:
Publish Date: 2008-08-01
Validity date (if exists): -

Short description

Max 3 sentences: Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics.
Keywords: air, lighting, acoustics

Details

Type: Compulsory
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Ministry Regulation referred to the details and types of the building projects
Author: Ministry of Infrastructure
References: ROZPORZĄDZENIE MINISTRA INFRASTRUKTURY z dnia 3 lipca 2003 r. w sprawie szczegółowego zakresu i formy projektu budowlanego(Dz. U. Nr 120, poz. 1133)
Publish Date: 2003-07-03
Validity date (if exists): -

Short description

Max 3 sentences: It describes in detail all the formal requirements that the building project needs to fulfill. Such project consists then the basis on which the construction permit is issued.
Keywords: construction project, construction permit

Details

Type: Compulsory
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: all other

Main indicators list

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: BDS CR 1752:2002
Author: CEN
References: http://www.bds-bg.org/standard/info.php?standard_id=19817
Publish Date:
Validity date (if exists): -

Short description

Max 3 sentences: Ventilation for buildings - Design criteria for the indoor environment
Keywords: Design criteria, Indoor environment, Buildings

Details

Type: Compulsory
Building type applicable:
Office: Yes
Residential: No
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: BDS EN (BDS EN ISO)

Author: CEN (ISO)

References: http://www.bds-bg.org/standard/search.php?committee_id=42&row_from=0&row_per_page=30&row_to_tal=304

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: All CEN standards related to HVAC systems and design of indoor environment are recognized as Bulgarian State Standards (BDS)

Keywords:

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Energy

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Control of Substances Hazardous to Health (COSHH) Essentials guidance publications

Author: HSE - UK Government

References: Control of Substances Hazardous to Health (COSHH) Essentials guidance publications

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Control of Substances Hazardous to Health (COSHH) Essentials guidance publications

Keywords: Hazardous Substances, Health, Guidance

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: No

Commercial: Yes

Educational: Yes

Other: All workplaces

Main indicators list

1st indicator: Health

2nd indicator: Other

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Radon Barriers

Author: NHBC

References: <http://www.nhbc.co.uk/NHBCpublications/LiteratureLibrary/Technical/StandardsExtra/filedownload,25275,en.pdf>

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Guidance on the installation of Radon Barriers to homes under the warranty of the National House Building Council

Keywords: Radon, Barriers, Homes

Details

Type: Voluntary

Building type applicable:

Office: No

Residential: Yes

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Access to Buildings

Author: Stephen Garvin

References: BRE Digest 505

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: An accessible environment is one that a disabled person can enter and make use of independently or with help from a partner or assistant. This Digest sets out basic requirements for accessible buildings which in making buildings more functional will be to the benefit of all users. It outlines the requirements of national building regulations and the Disability Discrimination Act, and summarises access requirements inside and outside domestic and non-domestic buildings. Communication devices, access auditing and assistive technology are also discussed. 12 pages.

Keywords: Access, Buildings

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: all buildings

Main indicators list

1st indicator: Accessibility

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Impact safety standards for glass

Author: Stephen Garvin, et al

References: BRe information paper - IP1/05

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Results of research carried out by BRE to determine the impact energy and forces exerted in the glass impact and drop height tests specified in BS 6206 and its replacement, BS EN 12600. The two standards use different test methods and different glazing classification systems. BRE tested several different types of glass to both standards and the results are tabulated in this paper. They demonstrate that comparisons can be made across the classification systems and that there should not be a reduction in the safety of glass used in buildings in critical locations as long as the performance in the BS EN 12600 test at least matches that of the appropriate BS 6206 classification.

Keywords: Glass, Safety, Buildings

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: all

Main indicators list

1st indicator: Safety

Additional information

Comments: -

Indoor Environment Quality Standard Survey

Basic Information

Title: Radon: guidance on protective measures for new buildings (including supplementary advice for extensions, conversions and refurbishment) (2007 ed)

Author: Chris Scivyer

References: BREBookshop.com BRe Report BR211

Publish Date:

Validity date (if - exists):

Short description

Max 3 sentences: This guide, which supports Building Regulations Approved Document L, offers practical guidance for reducing the concentration of radon in new buildings, extensions, conversions, and refurbishment projects. It has been prepared to help architects, designers, builders, and installers specify and install successful protective measures in order to reduce the risk to occupants of exposure to radon, which can cause lung cancer. The guide contains maps of England and Wales for identifying areas where radon protective measures should be installed. This 2007 edition of the report replaces guidance published in 1999. 53 pages. New maps with additional detail such as towns and road networks to help readers identify radon affected areas more easily. Additional drawings and photographs Additional guidance on protective measures suitable for new non-domestic buildings and extensions New guidance on protective measures for conversion and refurbishment projects and for suspended timber ground floors

Keywords: Radon, New Build, Protection

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: all

Main indicators list

1st indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ISO 16 000-6. 2004. Indoor Air Part – 6: Determination of volatile organic compounds in indoor and chamber air by active sampling on Tenax TA, thermal desorption and gas-chromatography MSD/FID.

Author: ISO, International Organization for Standardization

References: ISO 16 000-6. 2004. Indoor Air Part – 6: Determination of volatile organic compounds in indoor and chamber air by active sampling on Tenax TA, thermal desorption and gas-chromatography MSD/FID.

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Determination of volatile organic compounds in indoor and chamber air

Keywords: VOC, Tenax TA, TVOC

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ISO 16000-9. 2006. Indoor Air – Part 9: Determination of the emission of volatile organic compounds from building products and furnishings – Emission test chamber method.

Author: ISO, International Organization for Standardization

References: ISO 16000-9. 2006. Indoor Air – Part 9: Determination of the emission of volatile organic compounds from building products and furnishings – Emission test chamber method.

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Determination of the emission of volatile organic compounds from building products and furnishings – Emission test chamber method.

Keywords: specific emission rate, VOC, building products

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality, material emission

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ISO 16000-10. 2006. Indoor Air – Part 10: Determination of the emission of volatile organic compounds from building products and furnishings – Emission test cell method.

Author: ISO, International Organization for Standardization

References: ISO 16000-10. 2006. Indoor Air – Part 10: Determination of the emission of volatile organic compounds from building products and furnishings – Emission test cell method.

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: : Determination of the emission of volatile organic compounds from building products and furnishings – Emission test cell method

Keywords: specific emission rate, VOC, building products

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Safety - air quality, material emission

4th indicator:

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS-EN 12341. 1998. Air quality. Determination of the PM 10 fraction of suspended particulate matter. Reference method and field test procedure to demonstrate reference equivalence of measurement methods. Finnish standards association SFS

Author: Finnish standards association SFS

References: SFS-EN 12341. 1998. Air quality. Determination of the PM 10 fraction of suspended particulate matter. Reference method and field test procedure to demonstrate reference equivalence of measurement methods. Finnish standards association SFS

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Determination of the PM 10 fraction of suspended particulate matter

Keywords: PM10, particles

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality, particles

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS-EN 15251. 2007. Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics. Finnish standards association SFS.

Author: Finnish standards association SFS

References: SFS-EN 15251. 2007. Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics. Finnish standards association SFS.

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: Indoor environmental input parameters for design and assessment of energy performance of buildings addressing indoor air quality, thermal environment, lighting and acoustics

Keywords: air quality, thermal comfort, lightning, acoustics

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality

2nd indicator: Comfort - thermal comfort

3rd indicator: Comfort - lightning

4th indicator: Comfort - acoustics

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS 5907. 2004. Acoustical classification of buildings. Finnish standards association SFS.
Author: Finnish standards association SFS
References: SFS 5907. 2004. Acoustical classification of buildings. Finnish standards association SFS.
Publish Date: 2004-01-01
Validity date (if exists): -

Short description

Max 3 sentences: Acoustical classification of buildings
Keywords: acoustics

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort - acoustics
4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS-EN 13779. 2007. Ventilation for non-residential buildings. Performance requirements for ventilation and room-conditioning systems. Finnish standards association SFS.

Author: Finnish standards association SFS

References: SFS-EN 13779. 2007. Ventilation for non-residential buildings. Performance requirements for ventilation and room-conditioning systems. Finnish standards association SFS.

Publish Date: 2007-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Ventilation for non-residential buildings

Keywords: ventilation, room-conditioning, non-residential buildings

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: No

Commercial: Yes

Educational: No

Other: -

Main indicators list

1st indicator: Health - air quality

2nd indicator: Comfort - thermal comfort

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS-EN 12464-1. 2003. Light and illumination. Illumination of work places. Part 1: Illumination of work places indoors. Finnish standards association SFS.

Author: Finnish standards association SFS.

References: SFS-EN 12464-1. 2003. Light and illumination. Illumination of work places. Part 1: Illumination of work places indoors. Finnish standards association SFS.

Publish Date: 2003-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Illumination of work places

Keywords: light, illumination, work places

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: No

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Comfort - lighting

2nd indicator: Comfort

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS-EN 779. 2003. Particulate air filters for general ventilation. Determination of the filtration performance. Finnish standards association SFS.

Author: Finnish standards association SFS

References: SFS-EN 779. 2003. Particulate air filters for general ventilation. Determination of the filtration performance. Finnish standards association SFS.

Publish Date: 2003-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Determination of the filtration performance.

Keywords: air filters, performance, ventilation

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS 5511. 1989. Air conditioning. Indoor climate in buildings. Field measurements of thermal conditions. Finnish standards association SFS.

Author: Finnish standards association SFS

References: SFS 5511. 1989. Air conditioning. Indoor climate in buildings. Field measurements of thermal conditions. Finnish standards association SFS.

Publish Date: 1989-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Field measurements of thermal conditions.

Keywords: thermal conditions, field measurements

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort - thermal comfort

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS 3860. 1988. Measurement of dust concentration in work place air by filter method. Finnish standards association SFS.

Author: Finnish standards association SFS

References: SFS 3860. 1988. Measurement of dust concentration in work place air by filter method. Finnish standards association SFS.

Publish Date: 2008-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Dust concentration in work place air

Keywords: dust concentration, work place

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: No

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Health - air quality

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS 3862. 1981. Air quality in work places. Determination of the formaldehyde concentration with the chromotrophic acid method. Finnish standards association SFS.

Author: Finnish standards association SFS

References: SFS 3862. 1981. Air quality in work places. Determination of the formaldehyde concentration with the chromotrophic acid method. Finnish standards association SFS.

Publish Date: 1981-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Determination of the formaldehyde concentration

Keywords: air quality, formaldehyde

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: SFS 5412. 1987. Air protection. Emissions. Combustion gases. Determination of carbon monoxide with non-dispersive infra red absorption method. Finnish standards association SFS.

Author: Finnish standards association SFS

References: SFS 5412. 1987. Air protection. Emissions. Combustion gases. Determination of carbon monoxide with non-dispersive infra red absorption method. Finnish standards association SFS.

Publish Date: 1987-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Determination of carbon monoxide

Keywords: indoor air, carbon monoxide, measurement method

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: RT 14-10775. 2003. Determination of the indoor air ammonia concentration. The Finnish Building Information Foundation RTS.

Author: The Finnish Building Information Foundation RTS.

References: RT 14-10775. 2003. Determination of the indoor air ammonia concentration. The Finnish Building Information Foundation RTS.

Publish Date: 2003-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Indoor air ammonia concentration

Keywords: indoor air, ammonia

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: RT 14-10776. 2003. Determination of the ammonia emission from surfaces. The Finnish Building Information Foundation RTS.
Author: The Finnish Building Information Foundation RTS.
References: RT 14-10776. 2003. Determination of the ammonia emission from surfaces. The Finnish Building Information Foundation RTS.
Publish Date: 2003-01-01
Validity date (if exists): -

Short description

Max 3 sentences: Ammonia emission from surfaces
Keywords: material emission, ammonia

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Health - air quality, material emission
4th indicator:

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: RT 07-10946. 2009. Indoor climate classification 2008. Target values for indoor climate, design instructions and product criteria. The Finnish Building Information Foundation RTS.

Author: The Finnish Building Information Foundation RTS.

References: RT 07-10946. 2009. Indoor climate classification 2008. Target values for indoor climate, design instructions and product criteria. The Finnish Building Information Foundation RTS.

Publish Date: 2009-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Target values for indoor climate, design instructions and product criteria.

Keywords: indoor climate, target values, design instructions& criteria

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality

2nd indicator: Comfort - thermal comfort

3rd indicator: Comfort - lighting

4th indicator: Comfort - acoustics

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: RT -14-10675. 1998. Determination of the relative humidity in concrete structures. The Finnish Building Information Foundation RTS.

Author: The Finnish Building Information Foundation RTS.

References: RT -14-10675. 1998. Determination of the relative humidity in concrete structures. The Finnish Building Information Foundation RTS.

Publish Date: 1998-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Relative humidity in concrete structures

Keywords: structure humidity, concrete

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality, material emission

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: EN ISO 7730:2005. Ergonomics of the thermal environment -- Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria.

Author: ISO, International Organization for Standardization

References: EN ISO 7730:2005. Ergonomics of the thermal environment -- Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria.

Publish Date: 2005-01-01

Validity date (if exists): -

Short description

Max 3 sentences: Ergonomics of the thermal environment -- Analytical determination and interpretation of thermal comfort using calculation of the PMV and PPD indices and local thermal comfort criteria.

Keywords: thermal comfort, predicted mean vote, predicted percentage of dissatisfied

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort - thermal comfort

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: CEN CR 1752:2002 Ventilation for buildings - Design criteria for the indoor environment. 2002

Author: CEN

References: CEN CR 1752:2002 Ventilation for buildings - Design criteria for the indoor environment. 2002

Publish Date:

Validity date (if exists): -

Short description

Max 3 sentences: CR 1752 Ventilation for buildings - Design criteria for the indoor environment.

Keywords: indoor environment, design criteria, ventilation

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health - air quality

4th indicator:

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN 12354-5 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2007-06-01
Validity date: 2007-06-01

Short description

Max 3 sentences: Calculation of acoustic performance of buildings. Part 5: Sound level of installation
Keywords: noise level, indoor, building

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN 12354-6 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2004-04-01
Validity date: 2004-04-01

Short description

Max 3 sentences: Calculation of acoustic performance in buildings. Part 6: Acoustic absorption in indoor environment
Keywords: noise level, indoor, building

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN ISO 13791 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2005-02-01
Validity date: 2005-02-01

Short description

Max 3 sentences: outlining of boundary assumptions, equations and validation testing for calculation of summer peak time indoor temperatures for individual rooms without heating.
Keywords: overheating, indoor climate

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Energy

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN ISO 13788 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2001-11-01
Validity date: 2001-11-01

Short description

Max 3 sentences: outlining calculation methods for minimum values on inner walls to omit critical inner surface moisture (focus on mould building)
Keywords: indoor environment, moisture, temperature

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN ISO 13792 Normenausschuss Bauwesen (NABau)

Author: DIN, Beuth Verlag GmbH

References:

Publish Date: 2005-06-01

Validity date: 2005-06-01

Short description

Max 3 sentences: calculation of minimum, average and maximum temperature in indoor environments. this document could be used during design phase. document helps to avoid over heating of rooms, estimate if cooling is required. criteria are outlined.

Keywords: indoor environment, moisture, temperature

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Comfort

2nd indicator: Energy

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN 13300 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2002-11-01
Validity date: 2002-11-01

Short description

Max 3 sentences: coating material - water based coating material and coating systems for walls and ceilings in indoor environments
Keywords: indoor environment, material, systems

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: public buildings

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN 14412 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2004-12-01
Validity date: 2004-12-01

Short description

Max 3 sentences: guidance for passiv collectors for measurement of indoor quality.this guidance outlines a rating system to rate indoor environment quality
Keywords: indoor environment, measurement, systems

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: public buildings

Main indicators list

1st indicator: Comfort
2nd indicator: Health

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN ISO 16000-1 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2006-06-01
Validity date: 2006-06-01

Short description

Max 3 sentences: general and specific guidance for material related aspects for preparing the measurement before and after testing phase.
Keywords: indoor environment, measurement, air quality

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: public buildings

Main indicators list

1st indicator: Health

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN ISO 16017-1 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2001-10-01
Validity date: 2001-10-01

Short description

Max 3 sentences: general guidance for testing and analysis of organic compound (VOC) in air for external air and indoor environments
Keywords: indoor environment, air quality, air pollution

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: public buildings

Main indicators list

1st indicator: Health

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN 5034 Normenausschuss Bauwesen (NABau)

Author: DIN, Beuth Verlag GmbH

References:

Publish Date: 1999-10-01

Validity date: 1999-10-01

Short description

Max 3 sentences: definitions of basic concepts for indoor lighting with day light.

Keywords: indoor environment, natural lighting, workspaces

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: No

Commercial: No

Educational: No

Other: public buildings

Main indicators list

1st indicator: Comfort

2nd indicator: Health

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN 5035-3 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2006-07-01
Validity date: 2006-07-01

Short description

Max 3 sentences: guidance outlines requirements for lighting in hospitals using artificial lighting. definition of room types and their specific lighting requirement.
Keywords: indoor environment, artificial lighting, hospital

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: No
Commercial: No
Educational: No
Other: hospital

Main indicators list

1st indicator: Health
2nd indicator: Comfort

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN 5035-7 Normenausschuss Lichttechnik (FNL)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2004-08-01
Validity date: 2004-08-01

Short description

Max 3 sentences: outlining specific requirements for working spaces i.e. using computer desks
Keywords: indoor environment, lighting, working spaces

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: No
Commercial: No
Educational: No
Other: hospital

Main indicators list

1st indicator: Health
2nd indicator: Comfort

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN EN 12464-1 Normenausschuss Lichttechnik (FNL)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2003-03-01
Validity date: 2003-03-01

Short description

Max 3 sentences: outlining requirements for lighting for working spaces. focus on natural and artificial lighting and a combination of both
Keywords: indoor environment, lighting, working spaces

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: No
Commercial: No
Educational: No
Other: hospital

Main indicators list

1st indicator: Health
2nd indicator: Comfort

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: VDI 6011, VDI Gesellschaft Technische Gebäudeausrüstung
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2002-08-01
Validity date: 2002-08-01

Short description

Max 3 sentences: this document outlines components and system for using natural and artificial lighting.
Keywords: indoor environment, natural lighting, artificial lighting

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: hospital

Main indicators list

1st indicator: Comfort

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN 18024-2 Normenausschuss Bauwesen (NABau)

Author: DIN, Beuth Verlag GmbH

References:

Publish Date: 1999-11-01

Validity date: 1999-11-01

Short description

Max 3 sentences: document outlines requirements accessibility for disabled person for public buildings

Keywords: accessibility, public buildings, disabled person

Details

Type: Voluntary

Building type applicable:

Office: No

Residential: No

Commercial: No

Educational: No

Other: public buildings

Main indicators list

1st indicator: Accessibility

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN 18040-2 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2009-02-01
Validity date: 2009-02-01

Short description

Max 3 sentences: this documents outlines which technical requirements and geometry of buildings will result in good disabled accessibility for public buildings
Keywords: accessibility, public buildings, disabled person

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: No
Commercial: No
Educational: No
Other: public buildings

Main indicators list

1st indicator: Accessibility

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN 18040-2 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2009-02-01
Validity date: 2009-02-01

Short description

Max 3 sentences: this documents outlines requirements for residential buildings and their exterior design for use for disabled person
Keywords: accessibility, residential building, disabled person

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: Yes
Commercial: No
Educational: No
Other: outdoor

Main indicators list

1st indicator: Accessibility

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: DIN 18015-1 Normenausschuss Bauwesen (NABau)
Author: DIN, Beuth Verlag GmbH
References:
Publish Date: 2007-09-01
Validity date: 2007-09-01

Short description

Max 3 sentences: this documents outlines design of electrical systems in residential buildings
Keywords: fire protection, residential building, indoor environments

Details

Type: Voluntary
Building type applicable:
Office: No
Residential: Yes
Commercial: No
Educational: No
Other: outdoor

Main indicators list

1st indicator: Safety
2nd indicator: Health

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: VDI 6008 Blatt 1 VDI Gesellschaft Technische Gebäudeausrüstung
Author: VDI Technische Gebäudeausrüstung, Beuth Verlag GmbH
References:
Publish Date: 2005-08-01
Validity date: 2005-08-01

Short description

Max 3 sentences: this document outlines requirements and design solutions (indoor and external) for accessibility focused on older and disabled person. focus on systems, maintenance, function, usability etc.
Keywords: accessibility, systems, indoor environments

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: outdoor

Main indicators list

1st indicator: Health
2nd indicator: Comfort
3rd indicator: Accessibility

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Protection of structures against lightning Part 1: General principles

Author: Greek Standardization Body (ELOT)

References: <http://www.elot.gr/announcement/ELOT1197.pdf>

Publish Date: 2002-07-17

Validity date (if exists): -

Short description

Max 3 sentences: The purpose of this standard is to provide a system against thunder in order to protect structures, people and objectives from dangerous that emerge from thunder. This standard project, installation, inspection and maintenance of system of protection against lightning

Keywords: structures, system, lighting protection

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: all type of buildings with height up to 60m

Main indicators list

1st indicator: Safety - lightning safety

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: Requirements for electrical installations

Author: Greek Standardization Body (ELOT)

References: www.eetemher.gr/bio/ELOT384.pdf

Publish Date: 2004-03-04

Validity date (if exists): -

Short description

Max 3 sentences: The purpose of this this standard is to protect citizens and animals from the dangers that arise from electrical installation. To succeed that electrical installations have to follow certain requirements.

Keywords: electrical installations, requirements

Details

Type: Compulsory

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: all types of buildings

Main indicators list

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ISO 15392 Sustainability in building construction — General principles
Author: ISO
References: ISO, International Organization for Standardization
Publish Date: 2008-05-01
Validity date (if exists): -

Short description

Max 3 sentences: This International Standard presents general principles of sustainability related to buildings and other construction works. These general principles form the basis for a suite of standards intended to address specific issues and aspects of sustainability relevant to building and civil engineering of construction works.

Keywords: sustainability, buildings

Details

Type: Voluntary
Building type applicable:
Office: Yes
Residential: Yes
Commercial: Yes
Educational: Yes
Other: -

Main indicators list

1st indicator: Economic indicators for the indoor environment - sustainability
2nd indicator: Energy - sustainability

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ISO/TS 21929 Sustainability in building construction — Sustainability indicators Part 1: Framework for the development of indicators for buildings

Author: ISO, International Organization for Standardization

References:

Publish Date: 2006-03-01

Validity date (if exists): -

Short description

Max 3 sentences: This part of ISO/TS 21929 defines a framework for sustainability indicators for buildings based on the premise that sustainable construction achieves the required technical performance of the construction with the minimum of environmental impact.

Keywords: sustainability indicators, framework

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Economic indicators for the indoor environment - sustainability

2nd indicator: Energy - sustainability

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ISO/TS 21931-1 Sustainability in building construction — Framework for methods of assessment for environmental performance of construction works — Part 1: Buildings

Author: ISO

References: ISO, International Organization for Standardization

Publish Date: 2006-03-01

Validity date (if exists): -

Short description

Max 3 sentences: The purpose of this part of ISO/TS 21931 is to describe the framework and the principles behind the assessment of the environmental performance of both new and existing buildings, taking into account the various environmental impacts these buildings are likely to have.

Keywords: sustainability, construction, environmental performance

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Energy - sustainability

2nd indicator: Economic indicators for the indoor environment - sustainability

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: ANSI/ASHRAE 140 - 2007 Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs

Author: ASHRAE

References: <http://www.ashrae.org/technology/page/548>

Publish Date: 2008

Validity date (if exists): -

Short description

Max 3 sentences: this document provides a validation method for multizone thermal simulation tools, allowing an evaluation of thermal comfort

Keywords: Thermal comfort, energy, temperature

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: energy

2nd indicator: comfort

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: AFNOR XP X46-021 Traitement de l'amiante dans les immeubles bâtis - Examen visuel des surfaces traitées apres travaux de retrait de matériaux et produits contenant de l'amiante - Mission et méthodologie

Author: AFNOR

References: http://www.boutique.afnor.org/NEL5DetailNormeEnLigne.aspx?&nivCtx=NELZNELZ1A10A101A107&aff=1737&ts=7450875&CLE_ART=FA135758

Publish Date: July 2005

Validity date (if exists): -

Short description

Max 3 sentences: Method to check asbesto removing works

Keywords: Health, asbesto

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health

2nd indicator: safety

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: AFNOR XP X46-023 Diagnostic amiante - Éléments de cartographie du repérage des matériaux et produits contenant de l'amiante dans les immeubles bâtis

Author: AFNOR

References: http://www.boutique.afnor.org/NEL5DetailNormeEnLigne.aspx?nivCtx=NELZNELZ1A10A101A107&aff=1737&ts=7739803&CLE_ART=FA142319

Publish Date: October 2005

Validity date (if exists): -

Short description

Max 3 sentences: Method to spot asbesto in buildings

Keywords: Health, asbesto

Details

Type: Voluntary

Building type applicable:

Office: Yes

Residential: Yes

Commercial: Yes

Educational: Yes

Other: -

Main indicators list

1st indicator: Health

2nd indicator: safety

Additional information

Comments: -

PERFECTIONPROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: RT STM-20929 Sosiaali- ja terveysministeriön päätös asuntojen huoneilman radonpitoisuuden enimmäisarvoista. Suomen säädöskokoelma 944/1992. (1993) - Radon concentration indoors, dwellings

Author: The Finnish Building Information Foundation RTS.

References: RT STM-20929 Sosiaali- ja terveysministeriön päätös asuntojen huoneilman radonpitoisuuden enimmäisarvoista. Suomen säädöskokoelma 944/1992. (1993)

Publish Date: 1993

Validity date: Radon

Short description

Max 3 sentences: Includes maximum Radon concentration both in new and old dwellings and guidance how and when to measure

Keywords: radon

Details

Type: Compulsory

Building type applicable:

Office: No

Residential: Yes

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Health-air quality

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: RT STM-21232 s Asumisterveysohje. Asuntojen ja muiden oleskelutilojen fysikaaliset, kemialliset ja mikrobiologiset tekijät. Sosiaali- ja terveysministeriön oppaita 2003:1. (2008) -Physical, chemical and microbiological impurities in dwellings

Author: The Finnish Building Information Foundation RTS.

References: RT STM-21232 s Asumisterveysohje. Asuntojen ja muiden oleskelutilojen fysikaaliset, kemialliset ja mikrobiologiset tekijät. Sosiaali- ja terveysministeriön oppaita 2003:1. (2008)

Publish Date: 2008

Validity date: Healthy building

Short description

Max 3 sentences: The guidance includes criteria/instructions for the thermal comfort, noise, air quality, relative humidity, radon etc

Keywords: indoor climate quality

Details

Type: Compulsory

Building type applicable:

Office: No

Residential: Yes

Commercial: No

Educational: No

Other: -

Main indicators list

1st indicator: Health-air quality - Comfort-Thermal comfort

2nd indicator: Comfort-acoustic

4th indicator:

Additional information

Comments: -

PERFECTION PROJECT

Indoor Environment Quality Standard Survey

Basic Information

Title: RT 07-10564 Rakennuksen sisäilmasto. (1995) Indoor climate in buildings
Author: The Finnish Building Information Foundation RTS.
References: RT 07-10564 Rakennuksen sisäilmasto. (1995)
Publish Date: 1995
Validity date: Healthy building

Short description

Max 3 sentences: The guidance includes the instruction and design values to good indoor climate in respect of thermal comfort and indoor air quality as well as prevention of moisture problems

Keywords: design values, indoor climate

Details

Type: Compulsory

Building type applicable:

Office: No

Residential: Yes

Commercial: Yes

Educational: Yes

Other:

Main indicators list

1st indicator: Health-air quality - Comfort-Thermal comfort

4th indicator:

Additional information

Comments: -