

SPACE REFERENCE: \_\_\_\_\_ (Space Page 1 / 4)

(Facility Name:) \_\_\_\_\_

### General Data

Location: (tick below)

- Indoor   
Outdoor

Type of interior, task or activity \_\_\_\_\_

If necessary, additional description  
of the activity performed in the space

Occupancy pattern<sup>6</sup> (tick below)

- Variable occupation   
Intermittent scheduled occupation   
Full occupation   
Intermittent occupation

Floor area (in m<sup>2</sup>) \_\_\_\_\_

Glazing characteristics  
(useful to record if you want to investigate using  
a daylight responsive lighting control system)

Net glazing area (in m<sup>2</sup>)<sup>7</sup> \_\_\_\_\_

Gross exterior wall area (in m<sup>2</sup>)<sup>8</sup> \_\_\_\_\_

Colour (tick below)

- Clear   
Green or blue green   
Blue   
Bronze   
Grey   
Extra dark   
Light reflective   
Medium reflective   
High reflective

Thermal property

- Low-E   
Not low-E   
(double pane only)

Obstruction percentage<sup>11</sup> (tick below)

- Less than 50%   
Between 50% and 70%   
Between 70% and 90%   
More than 90%

Thickness (tick below)

- Single pane   
Double pane

### Lighting System

#### Baseline Lighting

#### Post-Installation Lighting

Picture reference<sup>4</sup> \_\_\_\_\_

\_\_\_\_\_

Luminaire 1

Luminaire 2

Luminaire 3

Luminaire 1

Luminaire 2

Luminaire 3

Name of the luminaire \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Number of luminaires \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Number of control systems \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Number of lamps per luminaire \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Number of connecting device per luminaire<sup>12</sup> \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Luminaire additional description

Date of the installation \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Lamps**

		Baseline Lighting			Post-Installation Lighting		
		Luminaire 1	Luminaire 2	Luminaire 3	Luminaire 1	Luminaire 2	Luminaire 3
Lamp manufacturer							
Lamp reference <sup>13</sup>							
Type of lamp (tick below)		(tick below)	(tick below)	(tick below)	(tick below)	(tick below)	(tick below)
Incandescent lamp	Tungsten standard						
	General Lighting Service	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Reflector lamp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Tungsten halogen						
	Line-voltage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Very-low voltage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fluorescent lamp	Linear						
	38mm (T12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	26mm (T8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	16mm (T5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other (specify)						
	Compact						
	Integral (self-ballasted)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Dedicated (pin-based)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Induction						
	Fitting-based	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Self-ballasted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other						
U-tube	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Circular	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Other (specify)						
Other discharge lamp	Metal Halide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	High Pressure Mercury						
	Standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Blended lamp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	High Pressure Sodium						
	Standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	"White sodium"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Low Pressure Sodium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Other lamp						
	Light emitting diode (LED)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Microwave lamps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	Other (specify)						
Unit rated power (in Watts)							
Colour Temperature (in Kelvin) <sup>14</sup>							
Colour Rendering Index <sup>14</sup>							
Unit rated lifetime (in burning hours) <sup>14</sup>							
Unit price (Euro/unit)							
Lamp additional description							



**Control System**

	Baseline Lighting			Post-Installation Lighting		
	Luminaire 1	Luminaire 2	Luminaire 3	Luminaire 1	Luminaire 2	Luminaire 3
Control manufacturer	_____	_____	_____	_____	_____	_____
<b>Type of control system</b>	(tick below)	(tick below)	(tick below)	(tick below)	(tick below)	(tick below)
General manual switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Localised manual switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Occupancy linking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Passive infrared	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ultrasonic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ultrasonic-infrared	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time scheduling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical time clock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electronic time clock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Daylighting responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
On/Off	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stepping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dimming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify)	_____	_____	_____	_____	_____	_____
Control is performing as supposed	Yes - No	Yes - No	Yes - No	Yes - No	Yes - No	Yes - No
Control system additional description	_____	_____	_____	_____	_____	_____

**Service, Operation and Costs/Benefits**

**Lighting quantity**

Illuminance level on reference plane (in lux)<sup>15</sup> \_\_\_\_\_

Identification of measurement point<sup>16</sup> \_\_\_\_\_

**Energy use**

Daily burning time in hours (average winter) \_\_\_\_\_

Daily burning time in hours (average summer) \_\_\_\_\_

Switching occurs after working hours Yes - No Yes - No Yes - No Yes - No Yes - No Yes - No

Number of operating days per year \_\_\_\_\_

	Synthesis Baseline Lighting	Synthesis Post-installation Lighting
Total lighting installed power (in kW)	_____	_____
Lighting electricity use per year (in kWh/year)	_____	_____
Initial cost (in Euro) <sup>17</sup>	_____	_____
Yearly running cost (in Euro/year) <sup>18</sup>	_____	_____

**Profitability of Post-installation Lighting versus Baseline Lighting**

Lighting electricity savings per year (in kWh/year) \_\_\_\_\_

Savings in running cost per year (in Euro/year) \_\_\_\_\_

Internal Rate of Return of the energy-efficient measure(s) (in %)<sup>19</sup> \_\_\_\_\_  
 or Payback Time (in years) \_\_\_\_\_  
 or Net Present Value (in Euro)<sup>20</sup> \_\_\_\_\_

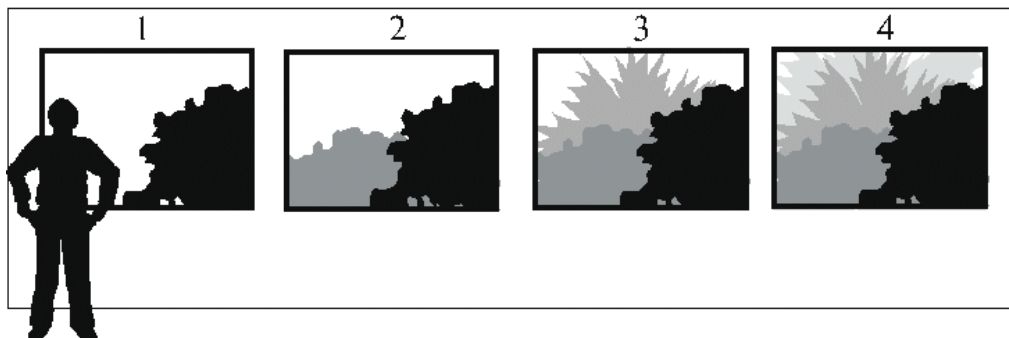
Summarise the energy-efficient measure(s) adopted

Apart from the savings, what are the other benefits of the energy-efficient measure(s) adopted?

## Notes

The following notes refer to specific fields of the Survey Form.

2. Spot replacement after each lamp failure.
3. Bulk replacement of lamps on a planned basis at the end of their useful life, before light output depreciation goes beyond acceptable limits.
4. If you have relevant pictures, indicate their reference.
6. Typical patterns can be broadly divided into four groups:
  - Variable occupation: occupants spend part of their time in the space and part elsewhere, eg where workers spend only part of their time as a working practice.
  - Intermittent scheduled occupation: people occupy the space for relatively short but defined periods, eg a school classroom or a sports hall.
  - Full occupation: occupants are in the space for the entire working day, eg a factory space where occupants are at their machines the entire time.
  - Intermittent occupation: an area visited only occasionally for short periods during the working day, eg storerooms or a warehouse.
7. Window area minus mullions and framing (or approximately 80% of rough opening).
8. e.g. multiply width of the bay by floor-to-floor height.
11. At desk height, look 3 meters in from a representative window and centred on the window. Select the obstruction factor as shown below, by looking at anything outside the building which prevents the direct view of part of the sky.



- Situation 1: less than 50%
  - Situation 2: between 50% and 70%
  - Situation 3: between 70% and 90%
  - Situation 4: more than 90%
- (source: Daylighting Manual, Public Works, Canada, March 1990)
12. Device ensuring the connection of the lamp to the electric supply (e.g. ballast).
  13. Reference given by the manufacturer (see mark on the product).
  14. Taken from manufacturers' catalog.
  15. The reference plane is the surface on which illuminance is measured or specified (e.g. desk surface).
  16. Point(s) where the illuminance was measured or specified (e.g. desk, floor, walls, etc.)
  17. The initial cost is the cost of equipment and installation (equal to zero in the case of an existing installation).
  18. The yearly running cost includes the energy cost and the lighting system maintenance cost.
  19. Considered over a 15-year period.
  20. In the case Net Present Value is used, indicate the number of years and the Discount Rate considered.

## Type of interior, task or activity

Taken from the Draft Standard DS 008.2-1999 of the Commission Internationale de l'Éclairage (CIE) "Lighting of Indoor Work Places" which provides recommendations on maintained illuminance, unified glare rating and minimum colour rendering index, and which can be obtained from the CIE Central Bureau (ciecb@ping.at, <http://www.cie.co.at/cie/>).

### 1. General building areas

- 1.1. Entrance halls
- 1.2. Lounges
- 1.3. Circulation areas and corridors
- 1.4. Stairs, escalators, travelators
- 1.5. Loading ramps/bays
- 1.6. Canteens
- 1.7. Rest rooms
- 1.8. Rooms for physical exercise
- 1.9. Cloakrooms, washrooms, bathrooms, toilets
- 1.10. Sick bay
- 1.11. Rooms for medical attention
- 1.12. Plant rooms, switch gear rooms
- 1.13. Post room, switchboard
- 1.14. Store, stockrooms, cold store
- 1.15. Dispatch packing handling areas
- 1.16. Control station

### 2. Agriculture building

- 2.1. Loading and operating of goods
- 2.2. handling equipment and machinery
- 2.3. Building for livestock
- 2.4. Sick animal pens, calving stalls
- 2.5. Feed preparation, dairy, utensil washing

### 3. Bakeries

- 3.1. Preparation and baking
- 3.2. Finishing, glazing, decorating

### 4. Cement, concrete, & bricks industry

- 4.1. Drying
- 4.2. Preparation of materials, work on kilns and mixers
- 4.3. General machine work
- 4.4. Rough forms

### 5. Ceramics and glass industry

- 5.1. Drying
- 5.2. Preparation, general machine work
- 5.3. Enamelling, rolling, pressing, shaping simple parts, glazing, glass blowing
- 5.4. Grinding, engraving, glass polishing, shaping precision parts, manufacture of glass instruments
- 5.5. Decorative work
- 5.6. Grinding of optical glass, crystal hand grinding and engraving, work on average goods
- 5.7. Precision work e.g decorative grinding, hand painting
- 5.8. Manufacture of synthetic precious stones

### 6. Chemicals, plastics and rubber industry

- 6.1. Remote operated processing installations
- 6.2. Processing installations with limited manual intervention
- 6.3. Constantly manned work places in processing installations
- 6.4. Precision measuring rooms, laboratories
- 6.5. Pharmaceutical production
- 6.6. Tyre production
- 6.7. Colour inspection
- 6.8. Cutting, finishing, inspection

### 7. Electrical industry

- 7.1. Cable and wire manufacture
- 7.2. Winding:
  - 7.2.1. large coils
  - 7.2.2. medium-sized coils
  - 7.2.3. small coils
- 7.3. Coil impregnating
- 7.4. Galvanising
- 7.5. Assembly work:
  - 7.5.1. rough e.g. large transformers
  - 7.5.2. medium e.g. switchboards
  - 7.5.3. fine e.g. telephones
  - 7.5.4. precision e.g. measuring equipm.
- 7.6. Electronic workshops, testing, adjusting

### 8. Food industry

- 8.1. Workplaces and zones in breweries, malting floor, for washing, barrel filling, cleaning, sieving, peeling, cooking in preserve and chocolate factories, work places and zones in sugar factories, for drying and fermenting raw tobacco, fermentation cellar
- 8.2. Sorting and washing of products, milling, mixing, packing
- 8.3. Work places and zones in slaughter houses, butchers, dairies mills, on filtering floor, in sugar refineries
- 8.4. Cutting and sorting of fruit and vegetables
- 8.5. Manufacture of delicatessen foods, kitchen
- 8.6. Manufacture work of cigars and cigarettes
- 8.7. Inspection of glasses and bottles, product control, trimming, sorting decoration
- 8.8. Laboratories
- 8.9. Colour inspection

### 9. Foundries and metal casting plants

- 9.1. Mainsize underfloor tunnels, recognisable cellars etc.
- 9.2. Platforms
- 9.3. Sand preparation
- 9.4. Dressing room
- 9.5. Workplaces at cupola and mixer
- 9.6. Casting bay
- 9.7. Shake out areas
- 9.8. Machine moulding
- 9.9. Hand and core moulding
- 9.10. Die casting
- 9.11. Model building

### 10. Hairdressers

- 10.1. Hairdressing

### 11. Jewellery manufacturing

- 11.1. Working with precious stones
- 11.2. Manufacture of jewellery
- 11.3. Watch making (manual)
- 11.4. Watch making (automatic)

### 12. Laundries and dry cleaning

- 12.1. Goods in, marking and sorting
- 12.2. Washing and dry cleaning
- 12.3. Ironing, pressing
- 12.4. Inspection and repairs

### 13. Leather industry

- 13.1. Work on vats, barrels, pits
- 13.2. Fleshing, skiving, rubbing, tumbling of skins
- 13.3. Saddlery work, shoe manufacture stitching, sewing, polishing, shaping, cutting, punching
- 13.4. Sorting
- 13.5. Leather dyeing (machine)
- 13.6. Quality control
- 13.7. Colour inspection
- 13.8. Shoe making
- 13.9. Glove making

### 14. Metal working and processing

- 14.1. Open die forging
- 14.2. Drop forging, welding, cold forming
- 14.3. Rough and average machining: tolerances > 0,1 mm
- 14.4. Precision machining: grinding: tolerances < 0,1 mm
- 14.5. Scribing; inspection
- 14.6. Wire & pipe drawing shapes
- 14.7. Plate machining  $\geq 5$ mm
- 14.8. Sheet metalwork <5mm
- 14.9. Tool making; cutting equipment manufacture
- 14.10. Assembly:
  - 14.10.1. rough
  - 14.10.2. medium
  - 14.10.3. fine
  - 14.10.4. precision
- 14.11. Galvanising
- 14.12. Surface preparation and painting
- 14.13. Tool, template and jig making, precision mechanics, micro-mechanics

### 15. Paper industry

- 15.1. Pulp mills, edge runners
- 15.2. Paper manufacture and processing, paper and corrugating machines, cardboard manufacture
- 15.3. Standard book binding work, e.g. folding, sorting, gluing, cutting, embossing, sewing

### 16. Power stations

- 16.1. Fuel supply plant
- 16.2. Boiler house
- 16.3. Machine halls
- 16.4. Auxiliary rooms, e.g pump rooms, condenser rooms, switchboard, etc.
- 16.5. Control rooms

## 17. Printers

- 17.1. Cutting, gilding, embossing, block engraving, work on stones and platens, printing machines, matrix making
- 17.2. Paper sorting and hand printing
- 17.3. Type setting, retouching, lithography
- 17.4. Colour inspection in multi-coloured printing
- 17.5. Steel and copper engraving

## 18. Iron and steel works

- 18.1. Production plants without manual Intervention
- 18.2. Production plants with occasional manual operation
- 18.3. Production plants with continuous manual operation
- 18.4. Slab store
- 18.5. Furnaces
- 18.6. Mill train, coiler, shear line
- 18.7. Control platforms, control panels
- 18.8. Test, measurement and inspection
- 18.9. Underfloor man sized tunnels belt sections, cellars etc.

## 19. Textile industry

- 19.1. Workplace and zones in baths, bale opening
- 19.2. Carding, washing, ironing, drawing, combing, sizing, card cutting, pre-spinning, jute and hemp spinning
- 19.3. Spinning, plying, reeling, winding warping, weaving, braiding, knitting
- 19.4. Sewing, fine knitting, taking up stitches
- 19.5. Manual design, drawing patterns
- 19.6. Finishing, dyeing
- 19.7. Drying room
- 19.8. Automatic fabric printing
- 19.9. Burling, picking, trimming
- 19.10. Colour inspection, fabric control
- 19.11. Invisible mending
- 19.12. Hat manufacturing

## 20. Vehicle construction

- 20.1. Body work and assembly
- 20.2. Painting, spraying chamber, polishing chamber
- 20.3. Painting: touch-up, inspection
- 20.4. Upholstery manufacture (manned)
- 20.5. Final inspection

## 21. Wood working & furniture industry

- 21.1. Automatic processing e.g. drying plywood manufacturing
- 21.2. Steam pits
- 21.3. Saw frame
- 21.4. Work at joiner's bench, gluing, assembly
- 21.5. Polishing, painting, fancy joinery
- 21.6. Work on wood working machines e.g. turning, fluting, dressing, rebating, grooving, cutting, sawing, sinking
- 21.7. Selection of veneer woods, maquetry, inlay work
- 21.8. Quality control

## 22. Offices

- 22.1. Filing, copying, circulation, etc.
- 22.2. Writing, typing, reading, data processing
- 22.3. Technical drawing
- 22.4. CAD workstation
- 22.5. Conference and meeting rooms
- 22.6. Reception desk
- 22.7. Archives

## 23. Retailing

- 23.1. Sales area small
- 23.2. Sales area large
- 23.3. Till area
- 23.4. Wrapper table

## 24. Restaurants and hotels

- 24.1. Reception/cashier desk, porters desk
- 24.2. Kitchen
- 24.3. Restaurant, dining room, function room
- 24.4. Self-service restaurant
- 24.5. Buffet
- 24.6. Conference rooms
- 24.7. Corridors

## 25. Places of entertainment

- 25.1. Theatres & concert halls
- 25.2. Multi purpose halls
- 25.3. Practice rooms, dressing rooms
- 25.4. Museums

## 26. Libraries

- 26.1. Bookshelves
- 26.2. Reading area
- 26.3. Counters

## 27. Public car parks (indoor)

- 27.1. In/out ramps (during the day)
- 27.2. In/out ramps (at night)
- 27.3. Traffic lanes
- 27.4. Parking areas
- 27.5. Ticket office

## 28. Educational buildings

- 28.1. Play school room
- 28.2. Nursery class
- 28.3. Nursery craft room
- 28.4. Classrooms, tutorial rooms
- 28.5. Classroom for evening classes and adults education
- 28.6. Lecture hall
- 28.7. Black board
- 28.8. Demonstration table
- 28.9. Art and craft rooms
- 28.10. Art rooms in art schools
- 28.11. Technical drawing rooms
- 28.12. Practical rooms and laboratories
- 28.13. Teaching workshop
- 28.14. Music practice rooms
- 28.15. Computer practice rooms
- 28.16. Language laboratory
- 28.17. Preparation rooms and workshops
- 28.18. Student common rooms and assembly halls
- 28.19. Teachers rooms
- 28.20. Sports halls, gymnasiums,
- 28.21. Swimming pools

## 29. Health care premises

- 29.1. Waiting rooms
- 29.2. Corridors: during the day
- 29.3. Corridors: during the night
- 29.4. Day rooms
- 29.5. Staff office
- 29.6. Staff rooms
- 29.7. Wards
- 29.8. General lighting
- 29.9. Reading lighting
- 29.10. Simple examination
- 29.11. Examination and treatment
- 29.12. Night lighting, observation lighting
- 29.13. Bathrooms and toilets for patients
- 29.14. Examination room general
- 29.15. Ear and eye examination
- 29.16. Reading and colour vision test with vision charts
- 29.17. Scanners with image enhancers and television systems
- 29.18. Dialysis rooms
- 29.19. Dermatology rooms
- 29.20. Endoscopy rooms
- 29.21. Plaster rooms
- 29.22. Medical baths
- 29.23. Massage and radiotherapy
- 29.24. Pre-op and recovery rooms
- 29.25. Operating theatre
- 29.26. Operating cavity
- 29.27. Intensive care
- 29.28. General lighting
- 29.29. Simple examinations
- 29.30. Examination and treatment
- 29.31. Night watch
- 29.32. Dentists
- 29.33. General lighting
- 29.34. At the patient
- 29.35. Operating cavity
- 29.36. White teeth matching
- 29.37. Colour inspection (laboratories)
- 29.38. Sterilisation rooms
- 29.39. Disinfection rooms
- 29.40. Autopsy rooms and mortuaries
- 29.41. Autopsy table and dissecting table

## 30. Airports

- 30.1. Arrival and departure halls, baggage claim areas
- 30.2. Connecting areas, escalators, travelators
- 30.3. Information desks, check-in desks
- 30.4. Customs and passport control desks
- 30.5. Waiting areas
- 30.6. Luggage store rooms
- 30.7. Security check areas
- 30.8. Air traffic control tower
- 30.9. Air traffic rooms
- 30.10. Testing and repair hangars
- 30.11. Engine test areas
- 30.12. Measuring areas in hangars
- 30.13. Platforms and passenger subways (underpasses)
- 30.14. Ticket hall and concourse
- 30.15. Ticket and luggage offices and counters
- 30.16. Waiting rooms

## 31. Churches

- 31.1. Body of church
- 31.2. Chair, altar, pulpit