

(5 December 2025 – to date)

OCCUPATIONAL HEALTH AND SAFETY ACT 85 OF 1993

(Gazette No. 14918, Notice No. 1158, dated 2 July 1993. Commencement date: 1 January 1994, except section 1(3)(b): to be proclaimed)

(These Regulations will be repealed by Government Notice 5952 in Government Gazette 52226 dated 6 March 2025, with effect from 5 September 2026.)

ENVIRONMENTAL REGULATIONS FOR WORKPLACES

Government Notice R2281 in Government Gazette 10988, dated 16 October 1987. Commencement date: 16 October 1987

As amended by:

Government Notice R1754 in Government Gazette 12054, dated 18 August 1989. Commencement date: 18 August 1989

Government Notice R489 in Government Gazette 15560, dated 18 March 1994. Commencement date: 18 March 1994.

Government Notice R307 in Government Gazette 24967, dated 7 March 2003. Commencement date: 7 March 2003.

Government Notice 6907 in Government Gazette 53783, dated 5 December 2025. Commencement date: 5 December 2025. [Amendment to General Safety Regulations made under the same Government Notice.]

Publisher's note: These regulations were published in terms of the Machinery and Occupational Safety Act, 1983 (Act 6 of 1983) and are now in force in terms of the Occupational Health and Safety Act 85 of 1993

The Minister of Manpower has, in terms of section 35 of the Machinery and Occupational Safety Act, 1983 (Act 6 of 1983), made the regulations contained in the Schedule hereto.

1. Definitions
2. Thermal requirements
3. Lighting
4. Windows
5. Ventilation
6.
7.

8.
9.
10. Offences and penalties
11. Withdrawal of regulations
12. Short title

1. Definitions

In these regulations “**the Act**” means the Machinery and Occupational Safety Act, 1983 (Act 6 of 1983), and any expression to which a meaning has been assigned in the Act shall have the meaning so assigned and, unless the context indicates otherwise -

“**acclimatised**” means physiologically adapted to a particular thermal environment and work rate;

“**attenuation**” means the proven capability of hearing protectors to reduce the equivalent noise level to which the wearer thereof is exposed;

“**building work**” means work defined as such in regulation 1 of the General Administrative Regulations promulgated in terms of section 35 of the Act and published under Government Notice R. 2206 of 5 October 1984;

“**dB (A)**” means a unit of measurement of sound pressure level as contemplated in SABS 083;

“**directional luminaire**” means a luminaire from which the light radiation is confined to a well-defined narrow beam;

“**equivalent sound pressure level**” is the value of the equivalent continuous sound level which would deliver the same amount of sound energy as the actual fluctuating sound, measured over the same time period, and “**equivalent noise level**” has a corresponding meaning;

(Definition of “equivalent sound pressure level” substituted for “equivalent noise level” by Regulation 2(b) of Government Notice R489 in Government Gazette 15560, dated 18 March 1994)

“**exposed**” means exposed whilst at work, and “**exposure**” has a corresponding meaning;

(Definition of “exposed” inserted by Regulation 2(a) of Government Notice R489 in Government Gazette 15560, dated 18 March 1994)

“**exposure limit**” means a value as defined in the Asbestos Regulations, 1987, promulgated in terms of section 35 of the Act and published under Government Notice R. 773 of 10 April 1987;

“**hearing protectors**” means ear muffs or ear plugs of a type approved by the chief inspector and in respect of which an efficiency test as prescribed by SABS 572 has been conducted by the South African Bureau of Standards or an approved inspection authority;

“**heatstroke**” means a pathological condition arising from thermoregulatory failure of the human body;

“**illuminance**” means the intensity of light falling on a surface, measured in lux;

“**luminaire**” means a light fitting which supports a lamp and provides it with electrical connections;

“**noise zone**” means an area where the equivalent noise level is equal to or exceeds 85 dB (A) when measured in accordance with SABS 083;

“**regional director**” means the regional director as defined in regulation 1 of the General Administrative Regulations published under Government Notice No. R. 2206 of 5 October 1984 and amended by Government Notice No. R. 2131 of 1990;

(Definition of “regional director” inserted by Regulation 2(e) of Government Notice R489 in Government Gazette 15560, dated 18 March 1994)

“**respiratory protective equipment**” means a device as defined in the Asbestos Regulations, 1987, promulgated in terms of section 35 of the Act and published under Government Notice R. 773 of 10 April 1987;

“**SABS 083**” means the South African Bureau of Standards' Code of Practice for the Measurement and Assessment of Occupational Noise for Hearing Conservation Purposes, SABS 083;

“**SABS 572**”

(Definition of “SABS 572” deleted by Regulation 2(c) of Government Notice R489 in Government Gazette 15560, dated 18 March 1994)

“**SABS 1451: Part I**” South African Standard. Standard Specification for Hearing Protectors, Part I: Ear muffs;

(Definition of “SABS 1451 Part I” inserted by Regulation 2(d) of Government Notice R489 in Government Gazette 15560, dated 18 March 1994)

“**SABS 1451: Part II**” South African Standard. Standard Specification for Hearing Protectors, Part II: Ear plugs;

(Definition of “SABS 1451 Part II” inserted by Regulation 2(d) of Government Notice R489 in Government Gazette 15560, dated 18 March 1994)

“**time-weighted average**” means the average of a number of representative measurements that are taken over a period of time and that are calculated as follows:

$$\text{Time-Weighted average} = x_1 t_1 + x_2 t_2 + x_3 t_3 + \dots + x_n t_n$$

$$t_1 + t_2 + t_3 + \dots + t_n$$

where x_1, x_2, \dots , are the observed measurements during the corresponding periods t_1, t_2, \dots , minutes, and $t_1 + t_2 + t_3 + \dots + t_n$ is the total time in minutes over which the measurements are taken;

"WGBT index" means a number which characterises the thermal conditions in the environment to which that number applies; it is calculated by adding seven tenths of the reading in degrees Celsius obtained with a naturally ventilated wet-bulb thermometer to one fifth of the reading in degrees Celsius obtained with a globe thermometer and adding that sum to one tenth of the reading in degrees Celsius obtained with a dry-bulb thermometer; the index may also be obtained by using an electronically integrating direct-reading instrument which has been designed, built and calibrated for that particular purpose;

"working plane" means a horizontal plane at the level where work is performed.

2. Thermal requirements

- (1) Subject to the provisions of subregulation (2), no employer shall require or permit an employee to work in an environment in which the time-weighted average dry-bulb temperature, taken over a period of four hours is less than 6°C, unless the employer takes reasonable measures to protect such employee against the cold and further takes all precautions necessary for the safety of such employee: Provided that, where outdoor work is performed, the employer shall take such measures and such precautions in an environment in which the actual dry-bulb temperature is less than 6 °C at any time.

(Regulation 2(1) substituted by Regulation 2 of Government Notice R1754 in Government Gazette 12054, dated 18 August 1989)

- (2) No employer shall require or permit an employee to work in a refrigerated environment in which the actual dry-bulb temperature is below 0 °C unless -

- (a) the maximum exposure of the employee does not exceed the periods as indicated in the following table:

Temperature (Celsius)	Maximum exposure
0 to -18 degrees	No limit.
Lower than -18 but not lower than -34 degrees	Maximum continuous exposure during each hour: 50 minutes. After every exposure in a low-temperature area at least 10 minutes must be spent, under supervision, in a comfortably warm environment.
Lower than -34 but not lower than -57 degrees	Two periods of 30 minutes each, at least 4 hours apart. Total low-temperature exposure: 1 hour per

	day.
Lower than -57 degrees	Maximum permissible exposure: 5 minutes during any 8-hour period.

- (b) the employee is provided with the following protective clothing:
- (i) A nylon freezer suit or equivalent and, where the said temperature is below -34 °C, such suit or equivalent shall be of double layer;
 - (ii) a woollen Balaclava or equivalent;
 - (iii) fur-lined leather gloves or equivalent;
 - (iv) waterproof outer gloves with knitted woollen or equivalent inners as well as a waterproof apron where wet or thawing substances are handled;
 - (v) woollen socks; and
 - (vi) waterproof industrial boots or equivalent:

Provided that an employee who works in a low-temperature area in which the temperature is not lower than -18 °C for periods not exceeding five minutes in every hour need only be provided with an ordinary overall, gloves and shoes, or equivalent;

- (c) the employee is, beforehand and thereafter, at intervals not exceeding one year, certified fit to work in such environment [*sic*] by a registered medical practitioner or a registered nurse according to a protocol prescribed by such practitioner, and such employee is issued with a certificate to that effect; and
- (d) all the clothing worn by the employee is dry prior to entering the low-temperature area.
- (3) Where hand-held tools which vibrate at a frequency [*sic*] of vibration of less than 1 000 Hz are used at an actual dry-bulb temperature below 6 °C, the employer shall provide an employee operating such tools with lined gloves, and ensure that he wears them.
- (4) Where the time-weighted average WBGT index, determined over a period of one hour, exceeds 30 in the environment in which an employee works, the employer of such employee shall-
- (a) if practicable, take steps to reduce the said index to below 30; or
 - (b) where it is not practicable to reduce the said index to below 30 and where hard manual labour is performed-

- (i) have every such employee beforehand and thereafter, at intervals not exceeding one year, certified fit to work in such environment by a registered medical practitioner or a registered nurse according to a protocol prescribed by such practitioner, and every such employee shall, if found fit to work in such environment, be issued with a certificate to that effect by such practitioner or nurse;
- (ii) ensure that every such employee is acclimatised to such working environment before he is required or permitted to work in such environment;
- (iii) inform every such employee of the need to partake of at least 600 millilitres of water every hour;
- (iv) train every such employee in the precautions to be taken to avoid heatstroke; and
- (v) provide the means whereby every such employee can receive prompt first-aid treatment in the event of heatstroke:

Provided that, where the question arises as to whether any particular type of work does in fact constitute hard manual labour, the decision of an inspector shall be decisive.

3. Lighting

- (1) Every employer shall cause every workplace in his undertaking to be lighted in accordance with the illuminance values specified in the Schedule to these regulations: Provided that where specialised lighting is necessary for the performance of any particular type of work, irrespective of whether that type of work is listed in the Schedule or not, the employer of those employees who perform such work shall ensure that such specialised lighting is available to and is used by such employees.
- (2) The chief inspector may, by notice in the Gazette, from time to time modify the Schedule to these regulations as he deems necessary.
- (3) With respect to the lighting to be provided in terms of subregulation (1), the employers shall ensure that-
 - (a) the average illuminance at any floor level in a work-place within five metres of a task is not less than one fifth of the average illuminance on that task;
 - (b) glare in any workplace is reduced to a level that does not impair vision;
 - (c) lighting on rotating machinery is such that the hazard of stroboscopic effect is eliminated; and

- (d) luminaires and lamps are kept clean and, when defective, are replaced or repaired forthwith.
- (4) With a view to the emergency evacuation of indoor workplaces without natural lighting or in which persons habitually work at night, every employer shall, in such workplaces, provide emergency sources of lighting which are such that, when activated, an illuminance [*sic*] of not less than 0,3 lux is obtained at floor level to enable employees to evacuate such workplaces: Provided that where it is necessary to stop machinery or shut down plant or processes before evacuating the workplace, or where dangerous materials are present or dangerous processes are carried out, the illuminance shall be not less than 20 lux.
- (5) An employer shall ensure that the emergency sources of lighting prescribed by subregulation (4)-
- (a) are capable of being activated within 15 seconds of the failure of the lighting prescribed by subregulation (1);
 - (b) will last long enough to ensure the safe evacuation of all indoor workplaces;
 - (c) are kept in good working order and tested for efficient operation at intervals of not more than three months; and
 - (d) where directional luminaires [*sic*] are installed, these are mounted at a height of not less than two metres above floor level and are not aimed between 10 degrees above and 45 degrees below the horizontal line on which they are installed.
- (6) An employer engaged in building work shall cause all rooms, stairways, passageways, gangways, basements and other places where danger may exist through lack of natural light, to be lighted such that it will be safe.

4. Windows

- (1) In order to effect visual contact with areas outside a workplace, where employees work the majority of their shift in a room of which the floor area is less than 100 square metres, the employer of such employees shall cause every such room to be provided with windows in such a way that-
- (a) the total glazed area of such windows is not less than three fifths of the square root of the floor area of the room, both areas measured in square metres;
 - (b) the window sills are not higher and the window heads are not lower than one and a half metres above the floor level of the room; and
 - (c) such windows are glazed with transparent material.

- (2) Unless an inspector otherwise directs, the provisions of subregulation (1) shall not apply under conditions where natural light will have an adverse effect on the process or material used in a room, or where the process in a room has to be conducted under critical conditions of light, temperature, humidity or air movement, or where the judgement of texture or colour in a room has to be done under conditions of constant lighting quality and intensity, or where, for reasons of safety, privacy or security, compliance with the intended provisions becomes impracticable.
- (3) Where the penetration of direct sunlight into any workplace may pose a threat to the safety of persons in such workplace, the employer concerned shall ensure that such workplace is screened to avoid such penetration, but retaining, as far as is practicable, outside visual contact.

5. Ventilation

- (1) An employer shall ensure that every workplace in his undertaking is ventilated either by natural or mechanical means in such a way that-
 - (a) the air breathed by employees does not endanger their safety;
 - (b) the time-weighted average concentration of carbon dioxide therein, taken over an eight-hour period, does not exceed one half per cent by volume of air;
 - (c) the carbon dioxide content thereof does not at any time exceed three per cent by volume of air;
 - (d) the prescribed exposure limits for airborne substances therein are not exceeded; and
 - (e) the concentration therein of any explosive or flammable gas, vapour or dust does not exceed the lower explosive limit of that gas, vapour or dust.
- (2) Where the measures prescribed by subregulation (1) are not practicable, or where there is a danger of unsafe air in the breathing zone of an employee, the employer shall provide every such employee with, and ensure that he correctly uses, respiratory protective equipment of a type that reduces the exposure of the employee to a safe level and the employer shall, further, inform him of the dangers of and the precautionary measures against excessive exposure.
- (3) The provisions of subregulation (1)(b) and (c) shall not apply in respect of workplaces where the ambient pressure differs by more than 20 per cent from atmospheric pressure at sea level.

(Regulation 5(3) amended by Regulation 3 of Government Notice R1754 in Government Gazette 12054, dated 18 August 1989)

6.

(Regulation 6 deleted by GN 6907 of 2025)

7.

(Regulation 7 substituted by Regulation 3 of Government Notice R489 in Government Gazette 15560, dated 18 March 1994)

(Regulation 7 repealed by Regulation 15 of Government Notice R307 in Government Gazette 24967, dated 7 March 2003)

8.

(Regulation 8 deleted by GN 6907 of 2025)

9.

(Regulation 9 deleted by GN 6907 of 2025)

10. Offences and penalties

Any person who contravenes or fails to comply with any provision of regulation 2, 3(1), 3(3), 3(4), 3(5), 3(6), 4(1), 4(3), 5(1) or 5(2), shall be guilty of an offence and liable on conviction to a fine not exceeding R1 000 or to imprisonment for a period not exceeding six months and, in the case of a continuous offence, to an additional fine of R5 for each day on which the offence continues or to additional imprisonment of one day for each day on which the offence continues: Provided that the period of such additional imprisonment shall in no case exceed 90 days.

(Regulation 10 substituted by GN 6907 of 2025)

11. Withdrawal of regulations

The following regulations are hereby withdrawn:

- (a) Regulations B.1(1), B.1(2), B.1(3), B.1(4), B.2, B.5, B.11, B.13, B.15 and B.17, published under Government Notice R. 929 of 28 June 1963, as amended by Government Notice R. 2237 of 30 November 1973;
- (b) regulations C.10, C.11 and C.12, published under Government Notice R. 929 of 28 June 1963; and
- (c) regulation D.4, published under Government Notice R. 1934 of 13 December 1963, as amended by Government Notice R. 3475 of 9 October 1969.

12. Short title

These regulations shall be called the Environmental Regulations for Workplaces, 1987.

SCHEDULE

ENVIRONMENTAL REGULATIONS FOR WORKPLACES

MINIMUM AVERAGE VALUES OF MAINTAINED ILLUMINANCE (MEASURED ON THE WORKING PLANE
UNLESS OTHERWISE INDICATED)

Location/Industry	Place or type of activity	Illuminance (Lux)
ABATTOIRS	Cold store, casting and stunning pen	100
	Bleeding area, slaughtering	150
	Dressing, evisceration, washing, tripery and skin sorting	200
	Inspection and grading	300
	Boning, cleaning, grinding, packing and cutting	200
	Manufacture of by-products	100
(See also OUTDOOR AREAS.)		
ABLUTIONS	Washrooms, toilets and changing rooms	100 (at floor level)
ABRASIVE BLASTING	Sand or other	200
AIRCRAFT MANUFACTURE	Stock park production	300
	Drilling, sheet aluminium layout, template work, wing section, cowling, welding, subassembly, landing gear, fuselage, final assembly, inspection, riveting, screw fastening and similar activities	200
	Maintenance and repairs (hangars)	200
	Engine testing	200
ASSEMBLY PLANTS	Rough work, e.g. frame assembly, heavy machinery assembly	100
	Medium work, e.g. machined parts, engine assembly, vehicle body assembly	200
	Fine work. e.g. radio and telephone equipment, typewriter and office machinery assembly	500
	Very fine work, e.g. small precision assembly.....	1 000
BAKERIES	Mixing and make-up rooms, oven rooms, wrapping rooms	100
	Decorating and icing	200
	General working areas	100
BANKS	Counters (See also OFFICES)	300
	General working areas	200
BLACKSMITH	General working areas	75
	Tempering	50
BOILER HOUSES	Coal and ash handling	75 (at floor level)
	Boiler rooms	100
BOOKBINDING	Folding, pasting, punching, stitching	200
	Cutting, assembling, embossing	300
	Finishing, blocking, inlaying and inspection	500

BOOT AND SHOE	Sorting and grading	500
	Clicking and closing: Preparatory operations	500
	Cutting tables and presses, stitching	500
	Bottom stock preparation, lasting, bottoming, finishing	500
	Shoe rooms	500
BOX, CARTON AND PAPER-BAG MAKING	Corrugated boards, cartons, containers and paper-bag manufacture, coating and laminating process	150
	Associated printing	200
BREWING, DISTILLING AND SOFT DRINKS	General working areas	100
	Brewing, bottling and canning plants	300
	Bottle inspection	300
BUILDING AND CONSTRUCTION	Industrialised building plants	200
	Concrete shops	150
	General working areas	20
	Walkways and access	5 (at floor level)
CANNING AND PRESERVING	Inspection of products	300
	Preparation, kettle areas, mechanical cleaning, dicing, trimming	200
	Canned and bottled goods: Retorts	150
	High speed labelling lines	200
	Can and bottle inspection	300
	Automatic processes	25
CARPET MAKING	Winding, beaming	150
	Designing, Jacquard card cutting, setting, patternwork, tufting, topping, cutting, hemming, fringing	200
	Weaving, mending, inspection	300
	Dyeing	400
CEMENT, ASBESTOS, GYPSUM, TALC, ETC., PRODUCTS AND MOULDED GOODS	Fiberising, mixing, shredding, agitating, flat and corrugated sheets and moulded goods manufacture	200
	Pipe and pole manufacture: mixing, spinning, reinforcing, stripping	150
CEMENT MANUFACTURE	Control room, milling, conveying, drying, pumping, burners' platform, coal plant milling, feeding, bagging, bulk filling, loading	150
	Vertical control panel face	200 (vertical illuminance)
CERAMICS	See POTTERY AND CLAY PRODUCTS	
CHEMICAL WORKS	Hand furnaces, boiling tanks, stationary driers, stationary or gravity crystallisers, mechanical driers, evaporators, filtration plants, mechanical crystallising, bleaching, extractors, percolators, nitrators, electrolytic cells	100
	Controls, gauges, valves, etc.	100
	Control rooms: Vertical control panels	200
	Control desks	200
	General working areas	100
	(See also OUTDOOR AREAS.)	
CLOTHING	Matching up	300
	Sorting, cutting, sewing	300

	Pressing, cloth treating	200	
	Inspection, hand tailoring	500	
COLD STORES	General working areas.....	100	
CONFECTIONERY (CHOCOLATES, SWEETS ETC.)	Mixing, blending, boiling	100	
	Husking, winnowing, fat extraction, crushing, refining, feeding, bean cleaning, sorting, milling, cream making	150	
	Hand decorating, inspection, wrapping, packing	200	
COURT ROOMS	Seating.....	100	
	Court.....	300	
DAIRIES	General working areas.....	150	
	Bottle inspection	300	
	Bottle filling	300	
	Despatching	100	
DIE-SINKING AND ENGRAVING	General	200	
	Fine.....	500	
	Hand engraving	500	
DRYCLEANING	See LAUNDERING AND DRY CLEANING.		
DYE WORKS	Reception, "grey" perching	500	
	Wet processes	150	
	Dry processes.....	150	
	Dyer's offices.....	500	
	Final perching (examination)	1 500	
ELECTRICAL GOODS MANUFACTURE	Impregnating processes, mica working	150	
	Coil and armature processes:		
	General.....	200	
	Fine (e.g. instrument coils)	400	
ELECTRICITY GENERATING STATIONS	Turbine halls (operating floor).....	200 (at floor level)	
	Blowers, auxiliary generators	100	
	Transformer chambers, etc	75	
	Cable tunnels, covered ways, storage tanks	50	
	Battery and charging equipment rooms.....	100	
	Boiler front (operating floor)	150 (at floor level)	
	Between boilers (operating floor), stairs, galleries and operating platforms, and precipitator high voltage chamber.....	100 (at floor level)	
	Pulverisers, feeders. ash plant, conveyors (tunnel, junction tower)	75 (at floor level)	
	Boiler house and turbine house basements	100 (at floor level)	
	Pump houses and rooms, water treatment plant.....	100	
	Overland conveyor housing walkways	50	
	Control rooms:		
	Vertical control panel face	200	} (vertical illuminance)
Rear of control panels	100		
Control desks	200		

	Computer room.....	500
	Switch houses and rooms.....	150
	Relay and telecommunication rooms	200
	Nuclear reactors and steam raising plants:	
	Reactor areas, boilers, galleries.....	150
	Gas circulator bays.....	150
	Reactor charge/discharge face	150
	High voltage substations	100 (vertical)
	(See also OUTDOOR AREAS.)	
FIRE STATIONS	Appliance rooms.....	100
	External apron.....	30
FORGING	General.....	100
FOUNDRIES	Charging floor, tumbling, cleaning, shaking out, rough moulding and core making	100
	Fine moulding and core making, inspection	200
FURNITURE FACTORIES	Raw materials store.....	50
	Finished goods store.....	75
	Wood-machining and assembly	150
	Rough sawing and cutting	150
	Machining, sundry and assembly of components	250
	Cabinetmaking:	
	Veneer sorting and preparation.....	500
	Veneer pressing	250
	Components store.....	75
	Fitting, final inspection	400
	Upholstery:	
	Cloth inspection	750
	Filling, covering	250
	Slipping	400
	Cutting, sewing	400
	Mattress making:	
	Assembly.....	250
	Tape edging.....	500
	Tool rooms:	
	General.....	250
	Benches	400
	Spray booth:	
	Colour finishing	250
	Clear finishing	150
GARAGES	Parking areas (interior)	50
	Washing, polishing, greasing	100
	Servicing pits	100
	Repairs	200

	Work-bench	250	
	Apron fuel pumps	100	
GASWORKS	Retort houses, oil gas plants, water gas plants, purifiers, coke screening and coke handling plants	50 (at floor level)	
	Governor, meter, compressor, booster, and exhaustor houses	75	
	(See also OUTDOOR AREAS.)		
GAUGE AND TOOL ROOMS	General	500	
GENERAL FACTORY AREAS	Canteens/Dining-rooms	100	} (at floor level)
	Cloak-rooms	100	
	Entrances	100	
	Rest rooms	100	
	First-aid rooms	100	
GLASS PROCESSING	Furnance[<i>sic</i>] rooms, bending, annealing lehrs (ovens), mixing rooms, forming (blowing, drawing, pressing, rolling)	100	
	Cutting to size, grinding, polishing, toughening	150	
	Finishing (bevelling, decorating, etching, silvering)	200	
	Brilliant cutting.....	500	
	Inspections:		
	General	150	
	Fine	500	
GLOVE MAKING	General working areas	300	
	(See also CLOTHING.)		
HAT MAKING	Stiffening, braiding, cleaning, refining	200	
	Forming, sizing, pouncing, flanging, finishing, ironing	100	
	General working areas	100	
	(See also CLOTHING.)		
HOSIERY AND KNITWEAR	Circular and flat knitting machines, universal winders, cutting out, folding and pressing	200	
	Lock stitch and overlocking machines	300	
	Mending:		
	Light goods	800	
	Dark goods	1 000	
	Examining and hand finishing:		
	Light goods	400	
	Dark goods	800	
	Linking or running on	300	
HOSTELS AND RESTAURANTS	Entrance Halls	100 (at floor level)	
	Reception and accounts	200	
	Stairs, corridors	100 (at floor level)	
	Laundries	150	
	Kitchens	150	

	General working areas	50
INSPECTION AREA (ENGINEERING)	Rough work, e.g. counting, rough visual checking of stock parts, etc	100
	Medium work, e.g. "Go" and "No-go" gauges	200
	Sub-assemblies	200
	Fine work, e.g. radio and telecommunication equipment, calibrated scales, precision mechanisms, instruments ..	500
	Very fine work, e.g. gauging and inspection of small intricate parts	1 000
	Minute work	1 500
IRON AND STEEL	Slab yards, melting shops, ingot stripping, soaking pits, blast furnace working areas, pickling and cleaning lines, mechanical pump houses, slabbing and large section rolling mills	75
	Mould preparation, light section, wire and cold strip mills, mill inspection and conditioning, sheet and plate finishing, tinning, galvanising and roll shops	100
	Plate inspection.....	200
	Tinplate inspection and pulpits (control rooms)	200
	General working areas	75
JEWELLERY AND WATCHMAKING	Fine processes	500
	Minute processes.....	3 000
	Gem cutting, polishing and setting.....	1 000
LABORATORIES AND TEST ROOMS	General laboratories, balance rooms	200
	Electrical and electronic instrument laboratories	300
	Calibrated scales, precision mechanical instruments	300
LAUNDERING AND DRY CLEANING	Receiving, sorting, washing, drying, ironing (calendaring), despatch	150
	Dry cleaning, bulk machine work	150
	Hand ironing, pressing, inspection, mending	200
	Spotting	250
LEATHER AND TANNING	Vats, cleaning, tanning, stretching, cutting, fleshing and stuffing	100
	Finishing, staking, splitting	150
	Pressing and glazing.....	300
	Cutting, scarfing and sewing.....	500
	Grading and matching	500
LIBRARIES, MUSEUMS AND ART GALLERIES	Shelves	100 (vertical illuminance)
	Binding	300
	Cataloguing, sorting	200
	General working areas	100
LIFTS	Car interior	100
	Motor room	300
MACHINE SHOPS AND FITTERS' BENCHES	Rough bench and machinery work, rough checking and stock parts.....	100
	Medium bench and machine work, ordinary automatic machines, rough grinding, medium buffing and polishing	200
	Fine bench and machinery work, fine automatic machines, medium grinding, fine buffing and polishing	500

	Extra-fine bench and machine work, fine grinding	800
MATERIALS HANDLING	Wrapping, packing, labelling, despatch	150
	Sorting stock, classifying, loading	100
MILLING (FLOUR)	Cleaning, grinding, rolling, purifying, silks and packing	150
	Wetting tables, product control.....	200
MOTOR VEHICLE MANUFACTURE	General sub-assemblies, chassis assembly, car assembly, trim shops, body sub-assembly, body assembly	200
	Upholstery	400
	Final inspection	300
	Spray booths (See PAINT SHOPS AND SPRAYING BOOTHS.)	
OFFICES	Entrance halls and reception areas.....	100
	Conference rooms, general offices, typing and filing	300
	Computer and business machine operation	500
	Drawing offices	500
OUTDOOR AREAS	Abattoirs: Lairage	20
	Race	50
		(at floor level)
	Ash handling, precipitator and fan area	20 (at floor level)
	Bulk loading/unloading areas where manual operations are performed	50
	Bulk loading/unloading areas . where operations are performed mechanically.....	10
	Cool-water screens.....	20
	Fuel pumps.....	100
	Storage areas (excluding dumps)	5 (at floor level)
	Water clarification plant and storage tanks (operating areas)	50
	Marshalling yards	10 (at floor level)
	Main entrance and exists [sic]	20
	Transformer and reactor terrain	20
	High voltage yard, distribution and substation	10
	Gangways. catwalks, stairways, etc	20 (at floor level)
	Conveyor structure	10
PAINT MANUFACTURE	Filling, blending, dispersion and reactor platform	150
	Batch mixing	300
	Colour matching	300
PAINT SHOPS AND SPRAYING BOOTHS	Rubbing, dipping, ordinary painting, spraying and finishing .	200
	Fine painting, spraying and finishing	300
	Retouching and matching	500
PAPER AND PAPER BOARD MANUFACTURE	Paper and board making: Machine houses, calendering, pulp mills, preparation plants, cutting, finishing, trimming	150
	Inspection and sorting (overhauling)	200
	Paper converting processes: General	150

	Associated printing	200
PASSAGES AND LOBBIES	All areas	75 (at floor level)
PHARMACEUTICAL AND FINE CHEMICAL	Raw material storage	150
	Control laboratories and testing.....	200
	Pharmaceuticals manufacture: Grinding, granulating, mixing, drying, tableting, sterilising, washing, preparation of solutions, filling, labelling, capping, inspection	200
	Fine chemical manufacture:	
	Plant processing	150
	Fine chemical finishing	200
PHOTOGRAPHIC	Safety light: dark room	5
PLASTICS	Manufacture (See CHEMICAL WORKS)	
	Processing:	
	Calendering, extrusion	200
	Moulding--compression, injection, blowing	150
	Sheet fabrication:	
	Shaping	150
	Trimming, machining, polishing	200
	Cementing	150
	Colour matching and inspection	500
PLATING	Vats and baths, buffing, polishing, burnishing	200
	Final buffing and polishing	200
POST OFFICES	Counters	200
	Sorting of mail	300
	General working areas	100
POTTERY AND CLAY PRODUCTS	Grinding, filter pressing, kiln room, moulding, pressing, cleaning, trimming, glazing, firing	200
	Enamelling, colouring, decorating	300
PRINTING	Type foundries:	
	Matrix making, dressing type, hand and machine casting	150
	Front assembly, sorting	300
	Printing plants:	
	Machine composition, imposing stones.....	150
	Presses	200
	Composition room	300
	Proof-reading	300
	Electrotyping:	
	Block-making, electroplating, washing, backing	150
	Moulding, finishing, routing	200
	Photo-engraving:	
	Block-making, etching, masking	200
	Finishing, routing	300
	Colour printing: Inspection area	500

REFRIGERATION	Chilling and cold rooms, icemaking	100
RUBBER PROCESSING	Stock and fabric preparation	150
	Dipping, moulding, compounding, calendering	150
	Tyre and tube making	200
	Curing and inspection	300
SCHOOLS AND EDUCATIONAL INSTITUTIONS	Stairs, corridors	100 (at floor level)
	Class and lecture rooms	200
	General working areas	100
SHEET METAL	Benchwork, pressing, punching, shearing, stamping, spinning, folding	150
	Scribing	200
	Sheet inspection	300
SHOPS, STORE ROOMS AND WAREHOUSES	Stairs, corridors	100 (at floor level)
	General working areas	100
SOAP MANUFACTURE	All processes, e.g. kettle houses and ancillaries, batch or continuous soap rooting, soap stamping	150
	General areas	100
	Vertical control panel face	200 (vertical illuminance)
	Edible product processing and packing	150
STAIRS, ESCALATORS AND RAMPS	General	100 (at floor level)
STORAGE BATTERY MANUFACTURE	General	100
STRUCTURAL STEEL FABRICATION	General	100
	Marking off	200
SUGAR	Manufacture: Crushing, settling, evaporating, boiling, curing, drying, packing	100
	Refining: Centrifuging, metering, filtering, condensing	100
	Panning, mixing, drying	200
	Grading, colour inspection	500
SURGERIES, HOSPITALS AND CLINICS	Stairs, corridors	100 (at floor level)
	General working areas.....	100
TAILORING	Hand tailoring	500
TELEPHONE EXCHANGES	Manual exchange rooms (on desk)	100
	Main distribution frame rooms in automatic exchanges	200
	Battery rooms.....	100
TEXTILE (COTTON OR LINEN)	Bale breaking, blowing, carding	100
	Roving, slubbing, spinning (ordinary counts), winding, hackling, spreading, cabling	100
	Warping, slashing, dressing, dyeing, doubling (fancy),	

	spinning (fine counts)..... Healding (drawing in) Weaving: Patterned cloth Plain "grey" cloth Cloth inspection	150 500 (vertical) 500 150 500
TEXTILE (JUTE)	Weaving, spinning flat, Jacquard carpet looms, cop winding Yarn calender	150 100
TEXTILE (SILK OR SYNTHETIC)	Soaking, fugitive tinting, conditioning or setting of twist Spinning Winding, twisting, rewinding and coning, quilling, slashing ... Warping Healding (drawing in) Weaving, finishing Inspection	150 300 200 200 500 (vertical illuminance) 500 500
TEXTILE (WOOLLEN)	Scouring, carbonising, teasing, preparing, raising, brushing, pressing, back-washing, gilling, crabbing and blowing .. Blending, carding, combing (white), tentering, drying, cropping Spinning, roving, winding, warping, combing (coloured), twisting Healding (drawing in) Weaving: Fine worsteds Medium worsteds, fine woollens Heavy woollens Burling, mending Perching: "Grey" Finals	100 150 300 500 (vertical illuminance) 500 300 200 500 500 1 500
THEATRES, CINEMAS AND HALLS	Stairs, corridors Booking offices Projection rooms	100 (at floor level) 200 150
TOBACCO	Primary manufacture: Weighing, blending, conditioning, threshing, cutting Cigarette making: Manufacturing processes, filter plug-makers Inspection (catcher) Cigarette or tobacco packing	 100 500 500 500
UPHOLSTERING	Furniture and vehicles	200
WAREHOUSES AND	Small materials, racks, packing and despatch	150

BULK STORING	Issue counters	200
	Loading bays, large materials	75
	Inactive storage	20
	(Also see MATERIALS HANDLING.)	
WELDING AND SOLDERING	Gas and arc welding, rough spot welding	150
	Medium soldering, brazing and spot-welding, e.g. domestic hardware	200
	Fine soldering and spot welding, e.g. instruments, radio set assembly	500
	Very fine soldering and spot welding, e.g. electronic printed circuits	1 500
WOODWORKING AND SAWMILLING	Rough sawing and bench work, sizing, planing, rough sanding.....	150
	Medium machine and bench work, glueing, veneering, cooperage	200
	Fine bench and machine work, fine sanding and finishing ..	200

(Schedule amended by Regulation 4 of Government Notice R1754 in Government Gazette 12054, dated 18 August 1989)