STATUTORY INSTRUMENTS.

S.I. No. 610 of 2021

SAFETY, HEALTH AND WELFARE AT WORK (GENERAL APPLICATION) (AMENDMENT) REGULATIONS 2021

S.I. No. 610 of 2021

SAFETY, HEALTH AND WELFARE AT WORK (GENERAL APPLICATION) (AMENDMENT) REGULATIONS 2021

I, LEO VARADKAR, Minister for Enterprise, Trade and Employment, in exercise of the powers conferred on me by section 58 of the Safety, Health and Welfare at Work Act 2005 (No. 10 of 2005) (as adapted by the Business, Enterprise and Innovation (Alteration of Name of Department and Title of Minister) Order 2020 (S.I. No. 519 of 2020)), and for the purpose of giving effect to Commission Directive 2019/1832 of 24 October 2019 amending Annexes I, II and III to Council Directive 89/656/EEC as regards purely technical adjustments, after consultation with the Health and Safety Authority, hereby make the following regulations:

1. (1) These Regulations may be cited as the Safety, Health and Welfare at Work (General Application) (Amendment) Regulations 2021.

(2) These Regulations shall come into operation on 20 November 2021.

(3) The Safety, Health and Welfare at Work (General Application) Regulations 2007 to 2020 and these Regulations may be cited together as the Safety, Health and Welfare at Work (General Application) Regulations 2007 to 2021.

(4) In these Regulations "Principal Regulations" means the Safety, Health and Welfare at Work (General Application) Regulations 2007 (S.I. No. 299 of 2007).

2. The Principal Regulations are amended as follows –

(*a*) in the "Arrangement of Regulations", by the substitution of –

"SCHEDULE 2

PERSONAL PROTECTIVE EQUIPMENT

PART A

RISKS IN RELATION TO BODY PARTS TO BE PROTECTED BY PPE

PART B

NON-EXHAUSTIVE LIST OF TYPES OF PERSONAL PROTECTIVE EQUIPMENT WITH REGARD TO THE RISKS THEY PROVIDE PROTECTION AGAINST

PART C

NON - EXHAUSTIVE LIST OF SECTORS OR ACTIVITIES WHICH MAY REQUIRE THE PROVISION OF PERSONAL PROTECTIVE EQUIPMENT" for

"SCHEDULE 2

PERSONAL PROTECTIVE EQUIPMENT

PART A

Notice of the making of this Statutory Instrument was published in "Iris Oifigiúil" of 26*th November*, 2021.

GUIDE LIST OF ACTIVITIES AND SECTORS OF ACTIVITY WHICH MAY REQUIRE PROVISION OF PERSONAL PROTECTIVE EQUIPMENT

PART B

GUIDE LIST OF ITEMS OF PERSONAL PROTECTIVE EQUIPMENT",

(*b*) Regulation 62(3) of the Principal Regulations is amended by inserting after "European Community directives" the following text –

"and European Union regulations".

(*c*) SCHEDULE 2 of the Principal Regulations is substituted by the following: –

“

SCHEDULE 2

PART A

-

RISKS IN RELATION TO THE BODY PARTS TO BE PROTECTED BY PPE

This list of risks/parts cannot be expected to be exhaustive

The risk assessment will determine the need to provide a PPE and its characteristics according to Directive 89/656/EEC

RISKS

			Physical														Chemical (incl. nanomaterial)(*)					Biological Agents (contained in)				Other Risks		
			Mechanical							Noise	Thermal		Electrical		Radiation		Aerosols		Liquids		Gases or Vapours	Aerosols	Liquids		Materials, animals persons etc.	Drowning	Oxygen dificency	Non-visibility
			(1)	(2)	(3)	(4)	(5)	(6)	(7)		Heat and/or Fire	Cold	Electric Shock (8)	Static Electricity	Non-ionizing (9)	Ionizing	Solid (10)	Liquid (11)	Immersion	Splashes, sprays, jets		Solids or liquids	Direct and indirect contact	Splashes, sprays, jets	Direct and indirect contact			
	Head	Cranium																										
		Whole Head																										

Parts of the body to be protected																												
	Ears																											
	Eyes																											
	Face																											
	Respiratory system																											
	Hands																											
	Arms (partial)																											
	Foot																											
	Legs (Part)																											

	Skin																											
	Trunk (Abdomen)																											
	Partial Body																											
	Whole Body																											

(1) Impact caused by falling or ejected objects, collision with an obstacle and high-pressure jets
(2) Falls due to slipping
(3) Falls from a height
(4) Vibration
(5) Static compression of parts of the body
(6) Mechanical injuries (abrasion, perforation, cuts, bites, wounds or stabs)
(7) Entanglement or trapping
(8) Direct or indirect contact
(9) Including sunlight (other than direct observation)
(10) Dusts, fumes, smokes and fibres
(11) Mists and fogs

(*) See Recommendation 2011/696/EU for definition of nanomaterial

PART B

NON-EXHAUSTIVE LIST OF TYPES OF PERSONAL PROTECTIVE EQUIPMENT WITH REGARD TO THE RISKS THEY PROVIDE PROTECTION AGAINST

Equipment for HEAD PROTECTION

— Helmets and/or caps/balaclavas/headgears against:

  — Impacts caused by falling or ejected object

  — Collision with an obstacle

  — Mechanical risks (perforation, abrasion)

  — Static compression (lateral crushing)

  — Thermal risks (fire, heat, cold, hot solids including molten metals)

  — Electric shock and live working

  — Chemical risks

  — Non-ionizing radiation (UV, IR, solar or welding radiation)

— Hairnets against risk of entanglement

Equipment for HEARING PROTECTION

— Earmuffs (including e.g. earmuffs attached to a helmet, active noise reduction earmuffs, earmuffs with electrical audio input)

— Earplugs (including e.g. level-dependent earplugs, earplugs adapted to the individual)

Equipment for EYE AND FACE PROTECTION

— Spectacles, goggles and face shields (prescription lenses where appropriate) against:

  — Mechanical risks

  — Thermal risks

  — Non-ionizing radiation (UV, IR, solar or welding radiation)

  — Ionizing radiation

  — Solid aerosols and liquids of chemical and biological agents

Equipment for RESPIRATORY PROTECTION

— Filtering devices against:

  — Particles

  — Gases

  — Particles and gases

  — Solid and/or liquid aerosols

— Insulating devices, including with an air supply

— Self-rescue devices

— Diving equipment

Equipment for HAND AND ARM PROTECTION

— Gloves (including mittens and arm protection) against:

— Mechanical risks

— Thermal risks (heat, flame and cold)

— Electric shock and live working (antistatic, conductive, insulating)

— Chemical risks

— Biological agents

— Ionizing radiation and radioactive contamination

— Non-ionizing radiation (UV, IR, solar or welding radiation)

— Vibration risks

— Finger stalls

Equipment for FOOT AND LEG PROTECTION and anti-slip protection

— Footwear (e.g. shoes, including in certain circumstances clogs, boots that may have steel toe-caps) to protect against:

— Mechanical risks

— Slipping risks

— Thermal risks (heat, flame and cold)

— Electric shock and live working (antistatic, conductive, insulating)

— Chemicals risks

— Vibration risks

— Biological risks

— Removable instep protectors against mechanical risks

— Kneepads against mechanical risks

— Gaiters against mechanical, thermal and chemical risks and biological agents

— Accessories (e.g. spikes, crampons)

SKIN PROTECTION — BARRIER CREAMS[1]

— There could be barrier creams to protect against:

— Non ionizing radiation (UV, IR, solar or welding radiation)

— Ionizing radiation

— Chemicals

[1] In certain circumstances, as a result of the risk assessment, barrier creams could be used together with other PPE with the aim of protecting workers' skin from related risks. Barrier creams are PPE under the scope of Directive 89/656/EEC as this type of equipment can be considered in certain circumstances as "additional or accessory" within the meaning of Article 2 of Directive 89/656/EEC. However, barrier creams are not PPE according to the definition in Article 3(1) of Regulation (EU) 2016/425.

— Biological agents

— Thermal risks (heat, flame and cold)

Equipment for BODY PROTECTION/OTHER SKIN PROTECTION

— Personal protective equipment for protection against falls from a height, such as retractable type fall arresters, full body harnesses, sit harnesses, belts for work positioning and restraint and work positioning lanyards, energy absorbers, guided-type fall arresters including an anchor line, rope adjustment devices, anchor devices that are not designed to be permanently fixed and that do not require fastening works before use, connectors, lanyards, rescue harness

— Protective clothing, including whole body (i.e. suits, overalls) protection and partial body (i.e. gaiters, trousers, jackets, waistcoats, aprons, kneepads, hoods, balaclavas) protection against:

— Mechanical risks

— Thermal risks (heat, flame and cold)

— Chemicals

— Biological agents

— Ionizing radiation and radioactive contamination

— Non-ionizing radiation (UV, IR, solar or welding radiation)

— Electric shock and live working (antistatic, conductive, insulating)

— Entanglement and trapping

— Lifejackets for prevention of drowning and buoyancy aids

— PPE for signalling the user’s presence visually

PART C

–

NON-EXHAUSTIVE LIST OF SECTORS OR ACTIVITIES WHICH MAY REQUIRE THE PROVISION OF PERSONAL PROTECTIVE EQUIPMENT

The risk assessment will determine the need to provide a PPE and its characteristics according to provisions of Directive 89/656/EEC

I. **PHYSICAL RISKS**			
Risks	Body part affected **Type of PPE**	Examples of activities where the use of the corresponding type of PPE may be necessary	Industry and Sectors
PHYSICAL — MECHANICAL			
Impact caused by falling or ejected objects, collision with an obstacle and high-pressure jets	Cranium **Protective helmet**	– Work on, underneath or in the vicinity of scaffolding and elevated workplaces – Carcase work and road work – Formwork's erection and stripping – Scaffolding's assembly and installation – Assembly and installation works – Demolitions – Blasting works – Work in pits, trenches, shafts and tunnels – Work in the vicinity of lifts, lifting gear, cranes, and conveyors – Works in underground workings, quarries, open diggings – Work with industrial furnaces, containers, machinery, silos, bunkers and pipelines	– Building construction – Civil engineering construction – Machinery manufacturing, installation and maintenance – Shipbuilding – Mining works – Energy production – Infrastructure construction and maintenance – Iron and steel industry – Slaughterhouses – Railway shunting work – Harbours, transport and logistics – Forest industry

		– Slaughtering and cutting line at slaughterhouses – Load handling or transport and storage – Forest work – Work on steel bridges, steel building construction, steel hydraulic structures, blast furnaces, steel works and rolling mills, large containers, large pipelines, boiler plants and power stations – Earth and rock works – Work with bolt-driving tools – Work with blast furnaces, direct reduction plants, steelworks, rolling mills, metalworks, forging, drop forging and casting – Work involving travelling on bicycles and mechanically propelled bikes	
	Eyes and/or face **Spectacles, goggles and face shields**	– Welding, grinding and separating work – Manual hammering – Caulking and chiselling – Rock working and processing – Work with bolt-driving tools – Work on stock removing machines for small chippings – Drop forging – The removal and breaking up of fragments – Spraying of abrasive	– Building construction – Civil engineering construction – Machinery manufacturing, installation and maintenance – Shipbuilding – Mining works – Energy production – Infrastructure construction and maintenance – Iron and steel industries – Metal and wood

		substances – Use of brush cutter or chainsaw – Dental and surgical procedures	industries – Stone carving – Gardening – Healthcare – Forestry
	Foot and leg (parts) **Footwear (shoes/ boots, etc.) with safety or protective toecap** **Footwear with metatarsal protection**	– Carcase work and road work – Erection and stripping of formwork – Scaffolding's assembly and installation – Demolitions – Blasting works – Working and processing of rock – Slaughtering and cutting line works – Transport and storage – Work with moulds in the ceramics industry – Work with frozen meat blocks and preserved foods packaging – Flat glass products and container glassware manufacture, working and processing – Conversion and maintenance work – Forest works – Work with concrete and prefabricated parts involving formwork erection and stripping – Work in contractors' yards and warehouses – Roof work – Work on steel bridges, steel building construction, masts, towers, lifts, steel hydraulic structures, blast	– Building construction – Civil engineering construction – Machinery manufacturing, installation and maintenance – Shipbuilding – Mining works – Energy production – Infrastructure construction and maintenance – Iron and steel industry – Slaughterhouses – Logistic companies – Manufacturing industry – Glass industry – Forest industry

		furnaces, steelworks and rolling mills, large containers, large pipelines, cranes, boiler plants and power stations – Furnace construction, heating and ventilation installation and metal assembly work – Work with blast furnaces, direct reduction plants, steelworks, rolling mills, metal works, forging, drop forging, hot pressing and drawing plants – Work in quarries and open diggings, coal stock removal – Work with moulds in the ceramics industry – Lining of kilns in the ceramics industry – Railway shunting work	
Falls due to slipping	Foot **Slip-resistant footwear**	– Works on slippery surfaces – Works on humidity environments	– Building construction – Civil engineering construction – Shipbuilding – Slaughterhouse – Cleaning – Food industries – Gardening – Fishing industry
Falls from a height	Whole body **PPE designed to prevent or arrest falls from height**	– Work on scaffolding – Assembly of prefabricated parts – Works on masts – Roof work – Work on vertical or slope surfaces – Work in high crane cabs – Work in high cabs	– Building construction – Civil engineering construction – Shipbuilding – Infrastructure maintenance

		of warehouse stacking and retrieval equipment – Work in high sections of drilling towers – Work in shafts and sewers	
Vibration	Hands **Protective Gloves**	– Works with hand-guided tools	– Manufacturing industries – Building work – Civil engineering work
Static compression of parts of the body	Knee (leg parts) **Kneepads**	– Installation of blocks, tiles and pavers on the floor	– Building construction – Civil engineering construction
	Foot **Footwear with toecaps**	– Demolitions – Load handling	– Building construction – Civil engineering construction – Transport and storage – Maintenance
Mechanical injuries (abrasion, perforation, cuts, bites, wounds or stabs)	Eyes and/or face **Spectacles, goggles, face shields**	– Works with hand-guided tools – Welding and forging – Grinding and separating work – Chiselling – Rock working and processing – Work on stock removing machines for small chippings – Drop forging – The removal and breaking up of fragments – Spraying of abrasive substances – Use of brush cutter or chainsaw	– Building construction – Civil engineering construction – Shipbuilding – Mining works – Energy production – Infrastructure maintenance – Iron and steel industries – Metal and wood industries – Stone carving – Gardening – Forestry
	Hands **Mechanical protective gloves**	– Works with steel framework – Handling of sharp-edged objects, other than machines where there is a danger of the gloves being caught – Regular cutting	– Building construction – Civil engineering construction – Shipbuilding – Infrastructure maintenance – Manufacturing industries – Food industry

		using a hand knife for production and slaughtering – Changing the knives of cutting machines – Forest works – Gardening work	– Slaughter – Forest industry
	Forearms **Arm protection**	– Boning and cutting	– Food industry – Slaughter
	Trunk/Abdomen/ Leg **Protective apron, gaiters** **Penetration resistance trousers (cut resistant trousers)**	– Regular cutting using a hand knife for production and slaughtering – Forest works	– Food industry – Slaughter – Forest industry
	Foot **Penetration resistance footwear**	– Carcase works and road works – Demolition – Formwork's erection and stripping – Forest works	– Building construction – Civil engineering construction – Shipbuilding – Mining works – Forest industry
Entanglement and trapping	Whole body **Protective clothing for use where there is a risk of entanglement with moving parts**	– Entangle oneself in parts of machines – Get caught in parts of machines – Get caught with garment in parts of machines – Get swept away	– Machine building – Manufacture of heavy-duty machines – Engineering – Construction – Agriculture
PHYSICAL — NOISE			
Noise	Ears **Hearing protection**	– Work with metal presses – Work with pneumatic drills – The work of ground staff at airports – Works with power tools – Blasting works – Pile-driving work – Wood and textile working	– Metal industry – Manufacturing industry – Building construction – Civil engineering construction – Aeronautical industry – Mining works
PHYSICAL — THERMAL			
Heat and/or fire	Face/Whole head **Welding headshields, helmets/caps against heat or fire,**	– Work in presence of high temperatures, radiating heat or	– Iron and steel industry – Metal industry – Maintenance

	protective hoods against heat and/or flame	fire – Work with or in the vicinity of molten substances – Work with welding plastics guns	services – Manufacturing industry
	Trunk/abdomen/ legs **Protective apron, gaiters**	– Welding and forging – Casting	– Iron and steel industry – Metal industry – Maintenance services – Manufacturing industry
	Hand **Protective gloves against heat and/ or flame**	– Welding and forging – Work in presence of high temperatures, radiating heat or fire – Work with or in the vicinity of molten substances	– Iron and steel industry – Metal industry – Maintenance services – Manufacturing industry
	Forearms **Sleeves**	– Welding and forging – Work with or in the vicinity of molten substances	– Iron and steel industry – Metal industry – Maintenance services – Manufacturing industry
	Foot **Footwear against heat and/or flame**	– Work with or in the vicinity of molten substances	– Iron and steel industry – Metal industry – Maintenance services – Manufacturing industry
	Whole/partial body **Protective clothing against heat and/or flame**	– Work in presence of high temperatures, radiating heat or fire	– Iron and steel industry – Metal industry – Forest industry
Cold	Hand **Protective gloves against cold** Foot **Footwear against cold**	– Work in the open air in extreme cold conditions – Work in deep-freeze rooms – Work with cryogenic liquids	– Building construction – Civil engineering construction – Shipbuilding – Mining works – Food industry – Agriculture and fisheries sector
	Whole/partial body including head	– Work in the open air in cold weather	– Building construction

	Protective clothing against cold	conditions – Work in deep-freeze rooms	– Civil engineering construction – Shipbuilding – Mining works – Food Industry – Agriculture and fisheries sector – Transport and storage
PHYSICAL — ELECTRICAL			
Electric shock (direct or indirect contact)	Whole head **Electrically insulating helmets** Hands **Electrically insulating gloves** Foot **Electrically insulating footwear** Whole body/ Hands/Foot **Conductive PPE intended to be worn by skilled persons during live working at a nominal power system voltage up to 800 kV AC and 600 kV DC**	– Live working or close to live parts under electrical tension – Work on electrical system	– Energy production – Transmission and distribution of electrical energy – Industrial facilities maintenance – Building construction – Civil engineering construction
Static electricity	Hands **Antistatic gloves** Foot **Antistatic/ conductive footwear** Whole body **Antistatic clothing**	– Handling plastic and rubber – Pouring, collecting or loading into a container – Work near to highly charged elements such as conveyor belts – Handling explosives	– Manufacturing industry – Feed industry – Bagging and packing plants – Production, storage or transport of explosives
PHYSICAL — RADIATION			
Non-ionizing radiation, including sunlight (other than direct observation)	Head **Caps and helmets**	– Work in open air	– Fishing and agriculture – Building construction – Civil engineering construction
	Eyes **Protective spectacles, goggles and face**	– Work with radiant heat – Furnace operations	– Iron and steel industries – Manufacturing

	shields	– Work with laser – Work in open air – Welding and gas cutting – Glass blowing – Germicidal lamps	industry – Fishing and agriculture
	Whole body (skin) **PPE against natural and artificial UV**	– Work in the open air – Electrical welding – Germicidal lamps – Xenon lamps	– Building construction – Civil engineering construction – Shipbuilding – Mining works – Energy production – Infrastructure maintenance – Fishing and agriculture – Forest industry – Gardening – Food industry – Plastic industry – Printing industry
Ionizing radiation	Eyes **Protective spectacles/goggles against ionizing radiation** Hands **Protective gloves against ionizing radiation**	– Operating in X-ray facilities – Operating in the area of medical radio diagnosis – Work with radioactive products	– Healthcare – Veterinary care – Radioactive waste plant – Energy production
	Trunk/abdomen/ partial body **Protective apron against x-rays /Coat/Vest/Skirt against x-rays**	– Operating in X-ray facilities – Operating in the area of medical radio diagnosis	– Healthcare – Veterinary care – Dental care – Urology – Surgery – Interventional radiology – Laboratories
	Head **Headwear & Caps** **PPE for protection against e.g. development of brain tumours**	– Medical X-ray work places and facilities	– Healthcare – Veterinary care – Dental care – Urology – Surgery – Interventional radiology
	Partial body **PPE for thyroid protection** **PPE for gonads protection**	– Operating in X-ray facilities – Operating in the area of medical radio diagnosis	– Healthcare – Veterinary care
	Whole body **Protective clothing**	– Operating in the area of medical	– Energy production

	against ionizing radiation	radio diagnosis – Work with radioactive products	– Radioactive waste plant

II. **CHEMICAL RISKS (including nanomaterial)**			
Risks	Body part affected **Type of PPE**	Examples of activities where the use of the corresponding type of PPE may be necessary	Industry and Sectors
CHEMICAL — AEROSOLS			
Solids (dusts, fumes, smokes, fibres, and nanomaterial)	Respiratory system **Respiratory protective devices against particles**	– Demolition – Blasting works – Sanding and Polishing of surfaces – Work in presence of asbestos – Use of materials consisting of/containing nanoparticles – Welding – Chimney sweeper – Work on the lining of furnaces and ladles where there may be dust – Work in the vicinity of blast furnace taps where there may be heavy metal fumes – Work in the vicinity o the blast furnace charge	– Building construction – Civil engineering construction – Shipbuilding – Mining works – Iron and steel industries – Metal and wood industries – Automotive industry – Stone carving – Pharmaceuticals industry – Healthcare services – Preparation of cytostatics
	Hands **Chemical Protective gloves and barrier cream as an additional/ accessory protection**	– Work in presence of asbestos – Use of materials consisting of/containing nanoparticles	– Building construction – Civil engineering construction – Shipbuilding – Industrial facilities maintenance
	Whole body **Protective clothing against solid particles**	– Demolition – Work in presence of asbestos – Use of materials consisting of/containing	– Building construction – Civil engineering construction – Shipbuilding – Industrial

		nanoparticles – Chimney sweeper – Preparation of plant protection products	facilities maintenance – Agriculture
	Eyes **Spectacles/goggles and face shields**	– Woodworking – Road work	– Mining industry – Metal and wood industry – Civil engineering construction
Liquids (mists and fogs)	Respiratory system **Respiratory protective devices against particles**	– Surface treatment (e.g. varnishing/painting, abrasive blasting) – Surface cleaning	– Metal industry – Manufacturing industry – Automotive sector
	Hands **Chemical protective gloves**	– Surface treatment – Surface cleaning – Work with liquid sprays – Works with acids and caustic solutions, disinfectants and corrosive cleaning substances	– Metal industry – Manufacturing industry – Automotive sector
	Whole body **Chemical protective clothing**	– Surface treatment – Surface cleaning	– Metal industry – Manufacturing industry – Automotive sector
CHEMICAL — LIQUIDS			
Immersion Splashes, sprays and jets	Hands **Chemical protective gloves**	– Work with liquid sprays – Works with acids and caustic solutions, disinfectants and corrosive cleaning products – Processing of coating materials – Tanning – Work in hairdressers and beauty salons	– Textile and clothing industry – Cleaning industry – Automobile industry – Beauty and hairdressing sectors
	Forearms **Chemical protective sleeves**	– Works with acids and caustic solutions, disinfectants and corrosive cleaning products	– Cleaning – Chemical industry – Cleaning industry – Automobile industry
	Foot	– Work with liquid	– Textile and clothing industry

	Chemical protective boots	sprays – Works with acids and caustic solutions, disinfectants and corrosive cleaning products	– Cleaning industry – Automobile industry
	Whole body **Chemical protective clothing**	– Work with liquid sprays – Works with acids and caustic solutions, disinfectants and corrosive cleaning products	– Cleaning – Chemical industry – Cleaning industry – Automobile industry – Agriculture
CHEMICAL — GASES AND VAPOURS			
Gases and vapours	Respiratory system **Respiratory protective devices against gases**	– Surface treatment (e.g. varnishing/painting, abrasive blasting) – Surface cleaning – Work in fermentation and distilling rooms – Work inside tanks and digesters – Work in containers, restricted areas and gas-fired industrial furnaces where there may be gas or insufficient oxygen – Chimney sweeper – Disinfectants and corrosive cleaning substances – Work in the vicinity of gas converters and blast furnace gas pipes	– Metal industry – Automotive sector – Manufacturing industry – Cleaning industry – Alcoholic drinks production – Wastewater treatment plants – Waste treatment plant – Chemical industry – Petrochemical industry
	Hands **Chemical protective gloves**	– Surface treatment – Surface cleaning – Work in fermentation and distilling rooms – Work inside tanks and digesters – Work in containers, restricted areas and gas-fired industrial furnaces where there may be gas or	– Metal industry – Automotive sector – Manufacturing industry – Alcoholic drinks production – Wastewater treatment plants – Waste treatment plant – Chemical

		insufficient oxygen	industry – Petrochemical industry
	Whole body **Chemical protective clothing**	– Surface treatment – Surface cleaning – Work in fermentation and distilling rooms – Work inside tanks and digesters – Work in containers, restricted areas and gas-fired industrial furnaces where there may be gas or insufficient oxygen	– Metal industry – Automotive sector – Manufacturing industry – Alcoholic drinks production – Wastewater treatment plants – Waste treatment plant – Chemical industry – Petrochemical industry
	Eyes **Spectacles, goggles and face shields**	– Spray painting – Woodworking – Mining operations	– Automotive sector – Manufacturing industry – Mine industry – Chemical industry – Petrochemical industry
III. **BIOLOGICAL AGENTS**			
Risks	Body part affected **Type of PPE**	Examples of activities where the use of the corresponding type of PPE may be necessary	Industry and Sectors
BIOLOGICAL AGENTS (contained in) - AEROSOLS			
Solids and liquids	Respiratory system **Respiratory protective devices against particles**	– Work that involves contact with human body and animal fluids and tissues – Work in presence of biological agent	– Healthcare – Veterinary clinics – Clinical analysis laboratories – Research laboratories – Retirement homes – Home assistance – Wastewater treatment plants – Waste treatment

			plant – Food industry – Biochemical production
	Hands **Protective gloves against microorganisms** Whole/partial body **Protective clothing against biological agents** Eyes and/or face **Protective spectacles, goggles and face shields**	– Work that involves contact with human body and animal fluids and tissues – Work in presence of biological agent	– Healthcare – Veterinary clinics – Clinical analysis laboratories – Research laboratories – Retirement homes – Home assistance – Wastewater treatment plants – Waste treatment plant – Food industry
BIOLOGICAL AGENTS (contained in) – LIQUIDS			
Direct and indirect contact	Hands **Protective gloves against microorganisms** Whole/partial body **Protective clothing against biological agents** Eyes and/or face **Protective goggles and face shields**	– Work that involves contact with human body – and animal fluids and tissues (bites, stings) – Work in presence of biological agent	– Healthcare – Veterinary clinics – Clinical analysis laboratories – Research laboratories – Retirement homes – Home assistance – Wastewater treatment plants – Waste treatment plant – Food industry – Forest industry
Splashes, sprays and jets	Hands **Protective gloves against microorganisms**	– Work that involves contact with human body and animal fluids and tissues – Work in presence of biological agent	– Healthcare – Veterinary clinics – Clinical analysis laboratories – Research laboratories – Retirement homes – Home assistance – Wastewater

			treatment plants – Waste treatment plant – Food industry
	Forearms **Protective sleeves against microorganisms**	– Work that involves contact with human body and animal fluids and tissues – Work in presence of biological agent	– Healthcare – Veterinary clinics – Clinical analysis laboratories – Research laboratories – Retirement homes – Home assistance – Wastewater treatment plants – Waste treatment plant – Food Industry
	Foot/legs **Protective over boots and gaiters**	– Work that involves contact with human body and animal fluids and tissues – Work in presence of biological agent	– Healthcare – Veterinary clinics – Clinical analysis laboratories – Research laboratories – Retirement homes – Home assistance – Wastewater treatment plants – Waste treatment plant – Food industry
	Whole body **Protective clothing against biological agents**	– Work that involves contact with human body and animal fluids and tissues – Work in presence of biological agent	– Healthcare – Veterinary clinics – Clinical analysis laboratories – Research laboratories – Retirement homes – Home assistance – Wastewater treatment plants – Waste treatment plant – Food industry

BIOLOGICAL AGENTS (contained in) – MATERIALS, PERSONS, ANIMALS, ETC			
Direct and indirect contact	Hands **Protective gloves against mircoorganisms** Whole/partial body **Protective clothing against biological agents** Eyes and/or face **Protective goggles and face shields**	– Work that involves contact with human body and animal fluids and tissue (bites and stings) – Work in presence of biological agent	– Healthcare – Veterinary clinics – Clinical analysis laboratories – Research laboratories – Retirement homes – Home assistance – Wastewater treatment plants – Waste treatment plant – Food industry – Forest industry
IV. **OTHER RISKS**			
Risks	Body part affected **Type of PPE**	Examples of activities where the use of the corresponding type of PPE may be necessary	Industry and Sectors
Non-visibility	Whole body **PPE for signalling the user's presence visually**	– Work in proximity of movement of vehicles – Asphalt works and road marking – Railway works – Driving means of transport – Work of ground staff at airport	– Building construction – Civil engineering construction – Shipbuilding – Mining works – Transport services and passenger transports
Oxygen deficiency	Respiratory system **Insulating respiratory protectives devices**	– Work in confined spaces – Work in fermentation and distilling rooms – Work inside tanks and digesters – Work in containers, restricted areas and gas-fired industrial furnaces where there may be gas or insufficient oxygen – Work in shafts, sewers and other underground areas connected with sewage	– Alcoholic drinks production – Civil engineering construction – Chemical industry – Petrochemical industry

	Respiratory system **Diving equipment**	– Underwater works	– Civil engineering construction
Drowning	Whole body **Life jacket**	– Work on or near water – Work in the sea – Work in an airplane	– Fishing industry – Aeronautical industry – Building construction – Civil engineering c – Shipbuilding – Docks and harbours

”

L.S.

GIVEN under my Official Seal,
20 November, 2021.

LEO VARADKAR,
Minister for Enterprise, Trade and Employment.

EXPLANATORY NOTE

(*This note is not part of the instrument and does not purport to be a legal interpretation*)

The purpose of these Regulations is to transpose into Irish law the provisions of Commission Directive 2019/1832 of 24 October 2019 amending Annexes I, II and III to Council Directive 89/656/EEC.

The Regulations introduce an amendment to the Safety, Health and Welfare at Work (General Application) Regulations 2007 to 2020, specifically to revise Schedule 2 to those Regulations in connection with Personal Protective Equipment (PPE) in line with the provisions of Directive 2019/1832, and will come into effect on 21 November 2021.

BAILE ÁTHA CLIATH
ARNA FHOILSIÚ AG OIFIG AN tSOLÁTHAIR
Le ceannach díreach ó
FOILSEACHÁIN RIALTAIS,
BÓTHAR BHAILE UÍ BHEOLÁIN,
CILL MHAIGHNEANN,
BAILE ÁTHA CLIATH 8,
D08 XAO6

Teil: 046 942 3100
r-phost: publications@opw.ie

DUBLIN
PUBLISHED BY THE STATIONERY OFFICE
To be purchased from
GOVERNMENT PUBLICATIONS,
MOUNTSHANNON ROAD,
KILMAINHAM, DUBLIN 8,
D08 XAO6

Tel: 046 942 3100
E-mail: publications@opw.ie

ISBN 978-1-3993-1228-8

€ 6.50

(SHCPUDBE-17) 95. 11/21. Propylon.