

4.2 Outdoor workplaces (continued)

Type of area, task or activity	E _m	R _e	U _o	GR _t
Off-shore gas and oil structures				
Drill floor and monkey board	300	40	0.50	40
Rotary table	500	40	0.50	40
Regular vehicle traffic (max 40km/h)	20	20	0.40	45
Pedestrian passages, vehicle turning, loading and unloading points	50	20	0.40	50
Derrick	100	40	0.50	45
Mud sampling room	300	40	0.50	40
Test station, shale shaker, wellhead	200	40	0.50	45
Process areas				
Pumping areas	200	20	0.50	45
Crude oil pumps	300	40	0.50	45
Treatment areas	100	40	0.50	45
Ladders, stairs, walkways	100	20	0.25	45
Plant areas	300	40	0.50	40
Boat landing areas transport areas	100	20	0.25	50
Life boat areas	200	20	0.40	50
Sea surface below the rig	30	20	0.25	50
Helideck	100	20	0.40	45
Parking lots				
Light traffic e.g. parking areas of shops, schools, churches, terraced and apartment houses	5	20	0.25	55
Medium traffic e.g. parking areas of department stores, office buildings, sports and multipurpose building complexes	10	20	0.25	50
Heavy traffic e.g. parking areas of major shopping centres, major sports and multipurpose building complexes	20	20	0.25	50
Petrochemical and other hazardous industries				
Handling of servicing tools, utilisation of manually regulated valves, starting and stopping motors, lighting of burners	20	20	0.25	55
Filling and emptying of container trucks and wagons with risk free substances, inspection of leakage, piping and packing	50	20	0.40	50
Filling and emptying of container trucks and wagons with dangerous substances, replacements of pump packing, general service work, reading of instruments	100	40	0.40	45
Repair of machines and electrical devices	200	60	0.50	45
Fuel loading and unloading sites	100	20	0.40	45
Power, electricity, gas and heat plants				
Pedestrian movements within electrically safe areas	5	20	0.25	50
Handling of servicing tools, coal	20	20	0.25	55
Overall inspection	50	20	0.40	50
General servicing work and reading of instruments	100	40	0.40	45
Wind tunnels – servicing and maintenance	100	40	0.40	45
Repair of electric devices	200	60	0.50	45
Railway areas				
Open platforms - small stations, rural and local trains	15	20	0.25	50
Open platforms - medium size stations, suburban and regional trains	20	20	0.40	45
Open platforms - large stations, inter-city services	50	20	0.40	45
Covered platforms - medium size stations, suburban and regional trains	50	40	0.40	45
Covered platforms - large stations, inter-city services	100	40	0.50	45
Stairs - small and medium size stations	50	40	0.40	45
Stairs - large stations	100	40	0.50	45
Walkways	20	20	0.40	50

4.2 Outdoor workplaces (continued)

Type of area, task or activity	E_m	R_o	U_o	GR_L
Freight areas				
Freight track – short duration operations	10	20	0.25	50
Freight track – continuous operation	20	20	0.40	50
Open platforms	20	20	0.40	50
Covered platform – short duration operations	50	20	0.40	45
Covered platform – continuous operation	100	40	0.50	45
Railway yards handling areas	30	20	0.40	50
Railway yards – flat marshalling, retarder and classification yards	10	20	0.40	50
Hump areas	10	20	0.40	45
Wagon inspection pit	100	40	0.50	40
Coupling area	30	20	0.40	45
Tracks in passenger station areas, including stabling	10	20	0.25	50
Servicing trains and locomotives	20	40	0.40	50
Level crossings	20	20	0.40	45
Saw mills				
Timber handling on land and in water, sawdust and chip conveyors	20	20	0.25	55
Sorting of timber on land or in water, timber unloading points and sawn timber loading points, mechanical lifting to timber conveyor	50	20	0.40	50
Reading of addresses and marking of sawn timber	100	40	0.40	45
Grading and packaging	200	40	0.50	45
Feeding into stripping and chopping machines	300	40	0.50	45
Shipyards and docks				
Short term handling of large units	20	20	0.25	55
Cleaning of ship hull	50	20	0.25	50
Painting and welding of ship hull	100	60	0.40	45
Mounting of electrical and mechanical components	200	60	0.50	45
General lighting of shipyard area, storage areas for prefabricated goods	20	40	0.25	55
Water and sewage plants				
Handling of service tools, utilisation of manually operated valves, starting and stopping of motors, piping packing and raking plants	50	20	0.40	45
Handling of chemicals, inspection of leakage, changing of pumps, general servicing work, reading of instruments	100	40	0.40	45
Repair of motors and electric devices	200	60	0.50	45