

Hazard	Risk	Probability	Severity	Present Risk Assessment (Probability x Severity)	Present Measure (if any)	Measures to Be Taken	New Probability	New Severity	New Risk Assessment (Probability x Severity)
Monitor height above eye level	Pain and various disruptions of the user's neck and spine	3 (possible)	3 (moderate)	9 (moderate)	<u>none</u>	Adjustable chair or monitor riser should be provided for the monitor to reach eye level.	1 (rare)	1 (insignificant)	1 (low)
Sitting on the chair for a long time	Obesity and posture disorders	4 (likely)	4 (major)	16 (high)	<u>none</u>	The employee should take regular breaks and engage in physical activity, such as short walks.	1 (rare)	2 (minor)	2 (low)
Looking at the monitor for a long time	Eye strain	4 (likely)	3 (moderate)	12 (high)	<u>none</u>	Monitors that blocks blue light, Glasses that blocks blue light.	1 (rare)	2 (minor)	2 (low)
Frayed or bare wires in pc cabinet or internal-external hardwares	Electric shock	2 (unlikely)	4 (major)	8 (moderate)	<u>none</u>	Change or repair the damaged-bare wires	1 (rare)	1 (insignificant)	1 (low)
Defective battery	Explosion and fire that cause injury and economic loss	1 (rare)	4 (major)	4 (low)	<u>none</u>	Battery replacement	1 (rare)	1 (insignificant)	1 (low)
Constant stress of the team or employee	Depression, sleep issues deprivation, exhaustion aggression, violence, constant tension in the team or employee	2 (unlikely)	2 (minor)	4 (low)	<u>none</u>	Regular psychiatric consultation, and ensuring social equilibrium.	3 (possible)	1 (insignificant)	3 (low)
Contamination of continuously used technical equipment	Interaction with harmful chemicals that will pass into the human body through breathing or touch	1 (rare)	4 (major)	4 (low)	<u>none</u>	Computer components should be cleaned and maintained regularly.	1 (rare)	1 (insignificant)	1 (low)
Working with high level EMF or radiation computers	Deformations caused by radiation exposure to our body nausea, dizziness, tiredness	3 (possible)	3 (moderate)	9 (moderate)	<u>none</u>	Devices must be turned off when unnecessary. Machines that emit less radiation and have the same performance should be preferred. Monitor filters should be used.	2 (unlikely)	2 (minor)	4 (low)
Static electricity generated in offices	Micro shocks on humans and triggering flammable materials	4 (likely)	2 (minor)	8 (moderate)	<u>none</u>	Anti-static chemicals must be used on possible trigger areas. Humidity should be kept constant. Efficient grounding must be provided.	1 (rare)	1 (insignificant)	1 (low)
Hot drinks placed on office table	Burn injuries and technical equipment damage	3 (possible)	4 (major)	12 (high)	<u>none</u>	Liquid proof devices or sleeves can be used. Hot drinks must be placed to a safe location on the table.	1 (rare)	1 (insignificant)	1 (low)
Overheated hardware or laptop	Burn injuries and melting hardware pieces	4 (likely)	4 (major)	16 (high)	<u>none</u>	Heated hardware and computers such as Laptop, needs to be kept away from contacting with the skin.	1 (rare)	1 (insignificant)	1 (low)
Poor indoor air quality in work environment	Occupational asthma, chemical sensitivity and allergies	4 (likely)	4 (major)	16 (high)	<u>none</u>	The office's air quality can be greatly improved by proper maintenance, cleaning and air filtration, heating and air conditioning system.	2 (unlikely)	2 (minor)	4 (low)
Exposed cables on the floor	Injuries caused by tripping over and electric shock	3 (possible)	2 (minor)	6 (moderate)	<u>none</u>	Keeping cables away from contact using cable clips and channels. Cable management must be provided to minimize exposed cables.	1 (rare)	1 (insignificant)	1 (low)