## LAMPIRAN

# ERGONOMIC CHECKPOINTS -INTERNATIONALI LABOUR ORGANIZATION (ILO)

Ergonomic Checkpoints				
	Material Storage and Handling			
		Do j proj		Keterangan
No	Checkpoint		on?	5
		Yes	No	
1	Clear and mark transport routes			
2	Keep aisles and corridors wide enough to allow two-way transport	1		
3	Make the surface of transport routes even, not slippery, and without obstacles	Ų		
4	Provide ramps with a small inclination instead of small	(	<u>}</u>	
4	stairways or sudden height differences within the		0	
	workplace	7	17	
5	Improve the layout of the work area so that the need to move materials is minimized		ıď	
6	Use carts, hand-trucks and other wheeled devices, or rollers, when moving materials		70	
7	Use mobile storage racks to avoid unnecessary loading and unloading	עע	F.74	5
8	Use multi-level shelves or racks near the work area in order to minimize manual transport of materials	1	À,	
9	Use mechanical devices for lifting, lowering and moving heavy materials	<b>K</b>		
10	Reduce manual handling of materials by using		<i></i>	
	conveyers, hoists and other mechanical means of			
	transport			
11	Instead of carrying heavy weights, divide them into			
	smaller lightweight packages, containers or trays			
12	Provide handholds, grips or good holding points for			
	all packages and containers			
13	Move materials horizontally at the same working			
	height.			

14	Eliminate tasks that require bending or twisting while handling materials			
15	Keep objects close to the body when manually			
	handling materials			
16	Combine heavy lifting with physically lighter tasks to			
	avoid injury and fatigue and to increase efficiency			
17	Provide conveniently placed waste containers			
	Hand tools	•	•	
18	Select tools designed for the specific task requirements			
19	Provide safe power tools and make sure that safety			
	guards are used			
20	Use hanging tools for operations repeated in the same	1		
	place	_		
21	Use vices and clamps to hold materials or work items	C	1	
22	Provide hand support when using precision tools	4	D	
23	Minimize the weight of tools (except for striking tools)		0	
24	For Hand tools, provide the tool with a grip of the	77	7	7
	proper thickness, length, shape and size for easy		(5)	
	handling		9	
25	Provide Hand tools with grips that have adequate	1		
	friction or with gu <mark>ards or stoppers to</mark> av <mark>o</mark> id slips and			
	pinches	)) <i>/</i>	3	
26	Pr <mark>ovide tools with proper insulation to</mark> avoid burns and		<b>Y</b> .	
	ele <mark>ctric shocks — — — — — — — — — — — — — — — — — — —</mark>		_	
27	Minimize vibration and noise of Hand tools		7	
28	Provide a "home" for each tool	(		
29	Inspect and maintain Hand tools regularly		/	
30	Train worke <mark>rs before allowing them to use power</mark>		,	
	tools			
31	Provide enough space for stable postures and stable			
	footing during power tool operation			
	Machine Safety	1	I	
32	Design controls to prevent unintentional operation			
33	Make emergency controls clearly visible and easily			
	accessible from the natural position of the operator			
34	Make different controls easy to distinguish from each			
	other			
		i	1	

35	Make sure that the worker can see and reach all			
	controls comfortably			
36	Locate controls in sequence of operation			
37	Use natural expectations for control movements			
38	Limit the number of foot pedals and, if used, make			
	them easy to operate			
39	Make displays and signals easy to distinguish from			
	each other and easy to read			
40	Use markings or colours on displays to help workers			
	understand what to do			
41	Use symbols only if they are easily understood by local			
	people	1		
42	Make labels and signs easy to see, easy to read and	<i>&gt;</i>	1	
	easy to <mark>understa</mark> nd	C		
43	Use warning signs that workers understand easily and	1	D	
,	correctly		0	
44	Use jigs and fixtures to make machine operation stable,	7	171	
	safe and efficient		2	
45	Purchase machines that meet safe <mark>ty criteria</mark>	\	9	
46	Use feeding and ejection devices to keep the hands			
	away from dangerous parts of machin <mark>e</mark> ry			
47	Use properly fixed guards or barriers to prevent	77	S	
	co <mark>ntact w</mark> ith moving parts of machines		<b>V</b> .	
48	Us <mark>e interlock barriers t</mark> o make it impossible for	4	>	/
	workers to reach dangerous points when the machine		,	
	is in oper <mark>ation.</mark>	(		
49	Establish safe procedures for forklift driving by		/	
	modifying the workplace and providing adequate			
	training.			ı
50	Inspect, clean and maintain machines regularly,			
	including electric wiring.			
	Workstation Design	ı		
51	Adjust the working height for each worker at elbow			
	level or slightly below it			
52	Make sure that the workplace accommodates the			
	needs of smaller workers			

53	Make sure that the workplace accommodates the			
	needs of taller workers			
54	Place frequently used materials, tools and controls			
	within easy reach			
55	Provide a stable multi-purpose work surface at each			
	workstation			
56	Make sure that workers can stand naturally, with			
	weight on both feet, and perform work close to and in			
	front of the body			
57	Allow workers to alternate standing and sitting at work			
	as much as possible			
58	Provide standing workers with chairs or stools for			
	occasional sitting	>	1	
59	Provide sitting workers with good adjustable chairs	C	1	
	with a backrest	1	D O	
60	Use height-adjusted computer workstations and arrange	-		
1	related computer peripherals within easy reach	7	1	7
61	Provide eye examinations and proper glasses for		3	
	workers using a v <mark>isual display unit (VD</mark> U) regularly		U	
62	Provide a sound and stable footing and sufficient	1		
	guarding arrangements for work in high p <mark>l</mark> aces		7	
63	Increase safety and comfort of driving cab <mark>in</mark> s and seats	) <u>/</u> /	3	
	of <mark>vehicles</mark> us <mark>ed at the</mark> workplace		<u>A</u>	
	Lighting	- 4		/
64	Increase the use of daylight and provide an outside view		γ,	
65	Use light colours for walls and ceilings when more light	(		
	is needed		/	
66	Light up corridors, staircases, ramps and other areas		J	
	where people may walk or work			
67	Light up the work area evenly to minimize changes in			
	brightness			
68	Provide sufficient lighting for workers so that they can			
	work efficiently and comfortably at all times			
69	Provide local lights for precision or inspection work			
70	Relocate light sources or provide shields to eliminate			
	direct and indirect glare			
		I		

71	Choose an appropriate visual task background for tasks			
	requiring close, continuous attention			
72	Clean windows and maintain light sources			
	Premises	I		
73	Protect workers from excessive heat			
74	Protect workers from cold work environments.			
75	Isolate or insulate sources of heat or cold			
76	Install effective local exhaust systems that allow			
	efficient and safe work			
77	Increase the use of natural ventilation when needed to			
	improve the indoor c <mark>limate</mark>			
78	Use air-conditio <mark>ning systems to provide an indoor</mark>			
	climate co <mark>nducive to the</mark> h <mark>ealth and comfort of peo</mark> ple	>	1	
79	Improve and maintain ventilation systems to ensure	C	1	
	good workplace air quality	1	D .	
80	Keep the office work area in good order to increase		0	
1	the efficiency and comfort of people using the area	1	FA	
81	Provide enough fire ext <mark>i</mark> nguishers within easy reach		1	
	and be sure that workers <mark>kn</mark> ow ho <mark>w to use them</mark>	\	)]	
82	Recycle wastes to make better use of resources and			
	protect the environment		2	
83	Mark escape routes and keep them clear of obstacles	77/	Z	
84	Es <mark>tablish evacuation plans to ensure</mark> safe and rapid		<b>A</b> .	)
	egr <mark>ess from the worksite</mark>	4	>	
	Hazardous substances and agents		7	
85	Isolate or cover noisy machines or parts of machines	(		
86	Maintain too <mark>ls and machines</mark> regularly in order to		/	
	reduce noise		3	
87	Make sure that noise does not interfere with verbal			1
	communication and auditory signals			
88	Reduce vibration affecting workers in order to improve			
	safety, health and work efficiency			
89	Choose electric hand-held equipment that is well			
	insulated against electric shock and heat			
90	Ensure safe wiring connections for equipment and			
	lights			

91	Label and store properly containers of hazardous			
	chemicals to communicate warnings and to ensure safe			
	handling			
92	Protect workers from chemical risks so that they can			
	perform their work safely and efficiently			
93	Identify confined spaces requiring entry permits and			
73	take adequate control measures to render the space			
	safe for entry and work			
94	Protect workers from biological risks by minimizing			
	exposure to biological agents and isolating potentially			
	contaminated areas			
0.5	Welfare Facilities	<u> </u>		
95	Provide and maintain good changing, washing and	<i>&gt;</i>		
	sanitary facilities to ensure good hygiene and tidiness	Y		
96	Provide drinking facilities and hygienic eating areas to	1	D .	
_	ensure good performance and well-being			
97	Provide rest facilities for recovery from fatigue	1	H	
98	Provide easy access to first-aid equipment and			
	primary health-care facil <mark>iti</mark> es at t <mark>he wo</mark> rkplace	\	Ų	
99	Provide a place for workers' meetings and training	1		
100	Clearly mark areas requiring the use of personal		1	)
	protective equipment	7) //	3	
101	Pr <mark>ovide personal protective equipment that gives</mark>		$\Delta^{-}$	
	ad <mark>equate protection                                    </mark>			
102	Ensure regular use of personal protective equipment		7	/
	by prope <mark>r instructions, adaptation trials and training.</mark>	,		
103	Make sure that everyone uses personal protective	-	/	
	equipment wh <mark>ere it is needed</mark>		/	
104	Make sure that personal protective equipment is			
	acceptable to the workers and that it is cleaned and			
	maintained			
105	Provide proper storage for personal protective			
	equipment			
	Work Organization			
106	Solve day-to-day work problems by involving groups			
	of workers			

107	Consult workers on improving working-time			
	arrangements			
108	Involve workers in the improved design of their own			
	workstations			
109	Consult workers when there are changes in			
	production and when improvements are needed for			
	safer, easier and more efficient work			
110	Inform and reward workers about the results of their			
	work.			
111	Train workers to take responsibility and give them the			
	means to make improvements in their jobs			
112	Train workers for <mark>safe and efficient operatioN</mark>	1		
113	Provide up-to-date training for workers using computer	_	1	
	systems	C	_ \	
114	Provide opportunities for easy communication and	1	D	
	mutual support at the workplace	1	O.	
115	Consider workers' skills and preferences in assigning	7	4	7
	people to jobs and provi <mark>di</mark> ng th <mark>e</mark> m with oppo <mark>rtun</mark> iti <mark>es</mark>		2	
	to learn new skills	\	U	
116	Set up work groups, each of which collectively carries	1		
	out work and is resp <mark>o</mark> nsible for its res <mark>u</mark> lts		70	)
117	Improve jobs that are difficult and disliked in order to	7) //	Z	
	inc <mark>rease productivity</mark> in the long run		7	
118	Combine tasks to make the work more interesting and	4	<u> </u>	/
	varied		7	
119	Set up a small stock of unfinished products (buffer	(		
	stock) betwe <mark>en different workst</mark> at <mark>ions</mark>			
120	Assign respo <mark>nsibility for day-to-day cleaning and</mark>		1	
	housekeeping			1
121	Provide short, frequent pauses during continuous			
	precision or computer work to increase productivity			
	and reduce fatigue			
122	Provide opportunities for physical exercise for			
	workers			
123	Encourage full participation by women and men			
	workers in finding and implementing work			
	improvements			

101	
124	Assist migrant workers to perform their jobs safely
	and efficiently
125	Assign appropriate workload, facilitate teamwork and
	provide adequate training for young workers
126	Adapt facilities and equipment to workers with
	disabilities so they can do their jobs safely and
	efficiently
127	Give due attention to the safety and health of pregnant
	and nursing women
128	Take measures so that older workers can perform
	work safely and efficiently
129	Adjust the work <mark>place to the culture and related                                     </mark>
	preference <mark>s of workers by taking a user-centred</mark>
	approach
130	Involve both managers and workers in conducting
130	
	ergonomics-related risk assessment as part of
	occupational safety and health management systems
131	Establish emergency plans to ensure correct
	emergency operation, easy access to facilities and
	rapid evacuation
132	Learn about and share ways to improve your
	workplace from good examples in your own
	enterprise or in other enterprises
	enter prise of in other enter prises

## LAMPIRAN

## ERGONOMIC CHECKPOINTS YANG SUDAH DI VALIDASI PERUSAHAAN

	Ergonomic Checkpoints			
	Material Storage and Handling			
		Doj	you	
No	Checkpoint	prop	oose	Keterangan
		acti	on?	
		Yes	No	
1	Clear and mark transport routes			
2	Keep aisles an <mark>d corridor</mark> s wide enough to allow		1	
	two-way <mark>transport</mark>	2		
3	Make the surface of transport routes even, not			
	slippery, and without obstacles	(	)	
4	Provide ramps with a small inclination instead of small		O.	
	stairways or sudden height differences within the		स्र	
	workplace			
6	Use carts, hand-trucks and othe <mark>r wheeled de</mark> vices, or	\		
	rollers, when moving materials	1	20	
8	Use multi-level she <mark>lves or racks near t</mark> he work area in	16	-	
	order to minimize manual transport of materials	עעע	7	1
9	Us <mark>e mechanical devices f</mark> or lifting, lowering a <mark>nd</mark>			
	moving heavy materials	•	>	
11	Instead of carrying heavy weights, divide them into			
	smaller li <mark>ghtweight p</mark> ackages, containers or trays	(		
14	Eliminate tasks that require bending or twisting while		/	
	handling materials			
17	Provide conveniently placed waste containers			
	Hand tools		l	
18	Select tools designed for the specific task requirements			
19	Provide safe power tools and make sure that safety			
	guards are used			
21	Use vices and clamps to hold materials or work items			
24	For Hand tools, provide the tool with a grip of the			
	proper thickness, length, shape and size for easy			
	handling			

25	Provide Hand tools with grips that have adequate			
	friction or with guards or stoppers to avoid slips and			
	pinches			
26	Provide tools with proper insulation to avoid burns and			
	electric shocks			
27	Minimize vibration and noise of Hand tools			
28	Provide a "home" for each tool			
29	Inspect and maintain Hand tools regularly			
30	Train workers before allowing them to use power			
	tools			
31	Provide enough space for stable postures and stable			
	footing during po <mark>wer tool operation</mark>	_		
	Machine Safety	>	1	
32	Design controls to prevent unintentional operation	C		
33	Make emergency controls clearly visible and easily	1	0	1
	accessible from the natural position of the operator		0	
34	Make different controls easy to distinguish from each	7	H	
	other			
35	Make sure that the wo <mark>r</mark> ker can see and reach all	\	Ų	
	controls comfortably	1		
36	Locate controls in sequence of operation			
37	Use natural expectations for control movements		M	/
39	Ma <mark>ke dis</mark> pla <mark>ys and signals easy to distinguish from</mark>		Ψ.	
	each other and easy to read	_ 4		/
40	Use markings or colours on displays to help workers		,	
	understa <mark>nd what to do</mark>	(		
41	Use symbols <mark>only if they are easily understood by local</mark>		/	
	people			
42	Make labels and signs easy to see, easy to read and			
	easy to understand			
43	Use warning signs that workers understand easily and			
	correctly			
45	Purchase machines that meet safety criteria			
47	Use properly fixed guards or barriers to prevent			
	contact with moving parts of machines			

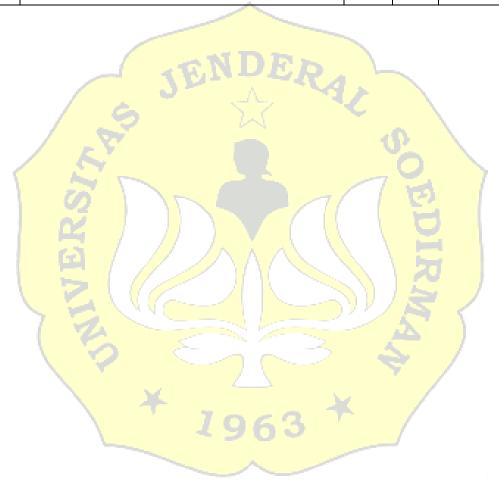
48	Use interlock barriers to make it impossible for			
	workers to reach dangerous points when the machine			
	is in operation.			
49	Establish safe procedures for forklift driving by			
	modifying the workplace and providing adequate			
	training.			
50	Inspect, clean and maintain machines regularly,			
	including electric wiring.			
	Workstation Design			
51	Adjust the working height for each worker at elbow			
	level or slightly below it	-		
56	Make sure that workers can stand naturally, with	1		
	weight on both feet, and perform work close to and in	<b>_</b>		
	front of <mark>the body</mark>	<	1	
57	Allow workers to alternate standing and sitting at work	4	0	
	as much as possible	1	O.	
58	Provide standing workers with chairs or stools for	7	1	
	occasional sitting		2	
59	Provide sitting workers with go <mark>od adjustabl</mark> e chai <mark>rs</mark>	1	Ų	
	with a backrest	1		
60	Use height-adjusted computer w <mark>o</mark> rks <mark>t</mark> ations, and		7	
	arrange related computer peripherals with <mark>in</mark> easy reach	ر لا ((	N	
61	Provide eye examinations and proper glasses for		$\Delta^{\prime}$	
	wo <mark>rkers using a visual displ</mark> ay unit (VDU) regularly	4	_	
62	Provide a sound and stable footing and sufficient		٧.,	
	guardin <mark>g arrangements for work in high places</mark>	(		
63	Increase safet <mark>y and comfort of driving cabins and seats</mark>	•		
	of vehicles use <mark>d at the workplace</mark>			
	Lighting			ı
64	Increase the use of daylight and provide an outside view			
65	Use light colours for walls and ceilings when more light			
	is needed			
66	Light up corridors, staircases, ramps and other areas			
	where people may walk or work			
67	Light up the work area evenly to minimize changes in			
	brightness			

68	Provide sufficient lighting for workers so that they can			
	work efficiently and comfortably at all times			
69	Provide local lights for precision or inspection work			
70	Relocate light sources or provide shields to eliminate			
	direct and indirect glare			
72	Clean windows and maintain light sources			
	Premises			
73	Protect workers from excessive heat			
76	Install effective local exhaust systems that allow			
	efficient and safe work			
78	Use air-conditioning systems to provide an indoor			
	climate conducive to the health and comfort of people	1		
79	Improve and maintain ventilation systems to ensure	<b>&gt;</b>		
	good w <mark>orkplace</mark> air quality	C		
80	Keep the office work area in good order to increase	1	0	
	the efficiency and comfort of people using the area	7	0	
81	Provide enough fire extinguishers within easy reach	7	Tel	
	and be sure that workers know how to use them			
82	Recycle wastes to make better use of resources and	\	~	
	protect the environment	1		
83	Mark escape routes and keep them clear of obstacles		2	
	Hazardous substances and agents	7	S	
89	Ch <mark>oose e</mark> lect <mark>ric h</mark> and-held equip <mark>me</mark> nt that is well		<b>7</b> 2.	)
	ins <mark>ulated against electric sh</mark> ock and heat	- 4	2	
90	Ensure safe wiring connections for equipment and		,	
	lights	(		
91	Label and store properly containers of hazardous		/	
	chemicals to communicate warnings and to ensure safe		<u>.</u>	
	handling			ı
92	Protect workers from chemical risks so that they can			
	perform their work safely and efficiently			
93	Identify confined spaces requiring entry permits and			
	take adequate control measures to render the space			
2.1	safe for entry and work			
94	Protect workers from biological risks by minimizing			
	exposure to biological agents and isolating potentially			
	contaminated areas			

	Welfare Facilities			
95	Provide and maintain good changing, washing and			
	sanitary facilities to ensure good hygiene and tidiness			
96	Provide drinking facilities and hygienic eating areas to			
	ensure good performance and well-being			
97	Provide rest facilities for recovery from fatigue			
98	Provide easy access to first-aid equipment and			
	primary health-care facilities at the workplace			
99	Provide a place for workers' meetings and training			
100	Clearly mark areas requiring the use of personal			
	protective equipment			
101	Provide persona <mark>l protective equipment that gives</mark>	_		
	adequate protection	<i>&gt;</i>	1	
102	Ensure regular use of personal protective equipment	C		
	by proper instructions, adaptation trials and training.	1	D	
103	Make sure that everyone uses personal protective		0	
	equipment where it is needed	7	14	
104	Make sure that personal protective equipment is			
	acceptable to the worke <mark>rs</mark> and that it is cleaned and	\	2	
	maintained	1		
105	Provide proper storage for personal protective			
	equipment	77/	X	
106	Work Organization		<u>A.</u>	
106	Solve day-to-day work problems by involving groups	- 4	>	/
107	of workers			
107	Consult workers on improving working-time	(		
100	arrangements  Involve workers in the improved design of their own		/_	
108	Involve workers in the improved design of their own workstations			
109	Consult workers when there are changes in			ı
109	production and when improvements are needed for			
	safer, easier and more efficient work			
110	Inform and reward workers about the results of their			
110	work.			
111	Train workers to take responsibility and give them the			
111	means to make improvements in their jobs			
112	Train workers for safe and efficient operatio			
114	Train workers for safe and efficient operation			

113	Provide up-to-date training for workers using computer			
	systems			
114	Provide opportunities for easy communication and			
	mutual support at the workplace			
115	Consider workers' skills and preferences in assigning			
	people to jobs and providing them with opportunities			
	to learn new skills			
116	Set up work groups, each of which collectively carries			
	out work and is responsible for its results			
117	Improve jobs that are difficult and disliked in order to			
	increase productivity in th <mark>e long run</mark>	-		
118	Combine tasks to make the work more interesting and	1		
	varied	_		
120	Assign responsibility for day-to-day cleaning and	<		
	hous <mark>ekeeping                                    </mark>	4	D	
121	Provide short, frequent pauses during continuous		6	
1	precision or computer work to increase productivity	7	4	7
	and reduce fatigue		(5)	
122	Provide opportunities for physical exercise for	1	Ų	
	workers	/ /		
123	Encourage full participation by women and men		70	
	workers in finding and impleme <mark>nti</mark> ng work	7) //	3	
	im <mark>provements                                    </mark>		7	
124	As <mark>sist migrant workers to</mark> perform their jobs safe <mark>ly</mark>		_	/
	and efficiently		7	
125	Assign appropriate workload, facilitate teamwork and	(		
	provide ade <mark>quate training for y</mark> ou <mark>ng workers</mark>			
126	Adapt facilit <mark>ies and equipment to workers with</mark>		1	
	disabilities so they can do their jobs safely and			1
	efficiently			
127	Give due attention to the safety and health of pregnant			
	and nursing women			
128	Take measures so that older workers can perform			
	work safely and efficiently			
129	Adjust the workplace to the culture and related			
	preferences of workers by taking a user-centred			
	approach			

130	Involve both managers and workers in conducting ergonomics-related risk assessment as part of occupational safety and health management systems		
131	Establish emergency plans to ensure correct emergency operation, easy access to facilities and rapid evacuation		
132	Learn about and share ways to improve your workplace from good examples in your own enterprise or in other enterprises		



#### **LAMPIRAN**

#### PENILAIAN RISIKO EISENHOWER MATRIX

1. Nilai seberapa mendesak dan penting *Checkpoint* yang perlu perbaikan Contoh untuk *Checkpoint "Sewaktu mengerjakan benda/barang, membawa, mengangkat, hindari gerakan membungkuk maupun memutar pinggang"*:

"Seberapa mendesak tindakan perbaikan yang diperlukan untuk mengurangi postur membungkuk?" (Skala 1-4)

"Seberapa penting tindakan perbaikan tersebut dalam menjaga keselamatan pekerja?" (Skala 1-4)

Sangat Mendesak (4)	(4) Harus dilakukan segera (dalam waktu kurang dari 1 bulan) jika tidak ak		
/ 6	berdampak pada kelangsungan produksi atau keselamatan pekerja		
Mendesak (3) Harus dilakukan dalam waktu 1-3 bulan untuk menghindari pen			
produktivitas atau risiko kesehatan jangka pendek			
Cukup Mendesak (2)	Perlu dilakukan dalam waktu 3-6 bulan untuk mencegah masalah		
R	kesehatan jangka panjang atau penurunan efisiensi		
Tidak Mendesak (1)	Bisa dilakukan dalam waktu lebih dari 6 bulan tanpa risiko signifikan		
5	terhadap kesehatan atau produksi		
7 3			

Sangat Penting (4)	Berdampak langsung pada keselamatan pekerja dan produktivitas utama
Penting (3)	Berdampak signifikan pada kesehatan pekerja dan produktivitas jangka menengah
Cukup Penting (2)	Berdampak pada kenyamanan dan efisiensi kerja, namun tidak langsung mempengaruhi keselamatan
Tidak Penting (1)	Berdampak minimal pada kenyamanan dan efisiensi kerja

No	Aspek	Checkpoint	Urgent	Importance	Keterangan
11	Penanganan dan Penyimpanan Material (Material Storage and Manual Handling)	Sebagai alternatif cara untuk mengangkat/membawa barang yang berat, bagi barang menjadi beberapa bagian yang lebih ringan yang ditempatkan dalam kemasan, kotak nampan, dan lain-lain.			
14		Sewaktu mengerjakan benda/barang, membawa, mengangkat dan sebagainya hindari gerakan membungkuk maupun memutar pinggang			
19		Sediakan perkakas listrik yang aman dan pastikan pelindung keselamatan digunakan			
25	Peralatan Tangan (Hand tools)	Sediakan perkakas tangan dengan pegangan yang memiliki gesekan yang memadai atau dengan pelindung atau sumbat untuk menghindari tergelincir dan terjepit			
28	/ 4	Sediakan "rumah" untuk setiap alat			
48	Aspek Keamanan Mesin (Machine Safety)	Gunakan penghalang yang saling mengunci agar pekerja tidak dapat mencapai titik berbahaya saat mesin sedang beroperasi	0		
62	Aspe <mark>k Stasiun Kerja</mark>	Menyediakan pijakan yang kokoh dan stabil serta pengaturan perlindungan yang memadai untuk pekerjaan di tempat yang tinggi	Da		
63	(Workstation Design)	Meningkatkan keamanan dan kenyamanan berkendara kabin dan tempat duduk kendaraan yang digunakan di tempat kerja	RA		
66	Aspek P <mark>encahayaan</mark> ( <i>Lig<mark>htning</mark>)</i>	Nyalakan koridor, tangga, jalur landai, dan area lain di mana orang dapat berjalan atau bekerja	4	)	
78	Aspek Premis Cuaca Kerja ( <i>Premises</i> )	Gunakan sistem pendingin udara untuk menyediakan iklim dalam ruangan yang kondusif bagi kesehatan dan kenyamanan manusia	7/	/	
93	Aspek Bahaya Lingkungan Kerja (Control of Hazardous Subtance and Agents)	Identifikasi ruang terbatas yang memerlukan izin masuk dan lakukan tindakan pengendalian yang memadai untuk menjadikan ruang tersebut aman untuk masuk dan bekerja	J		