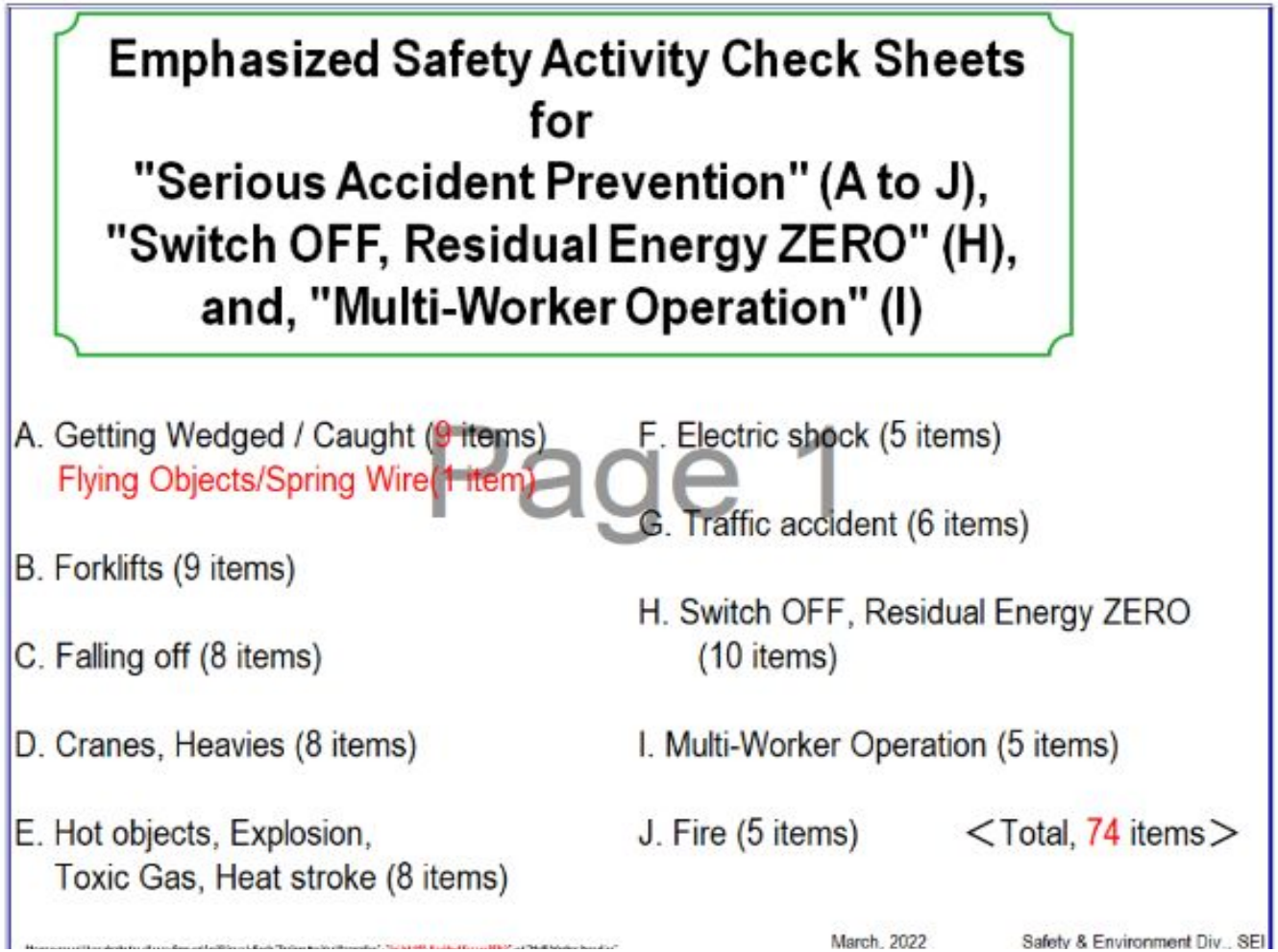
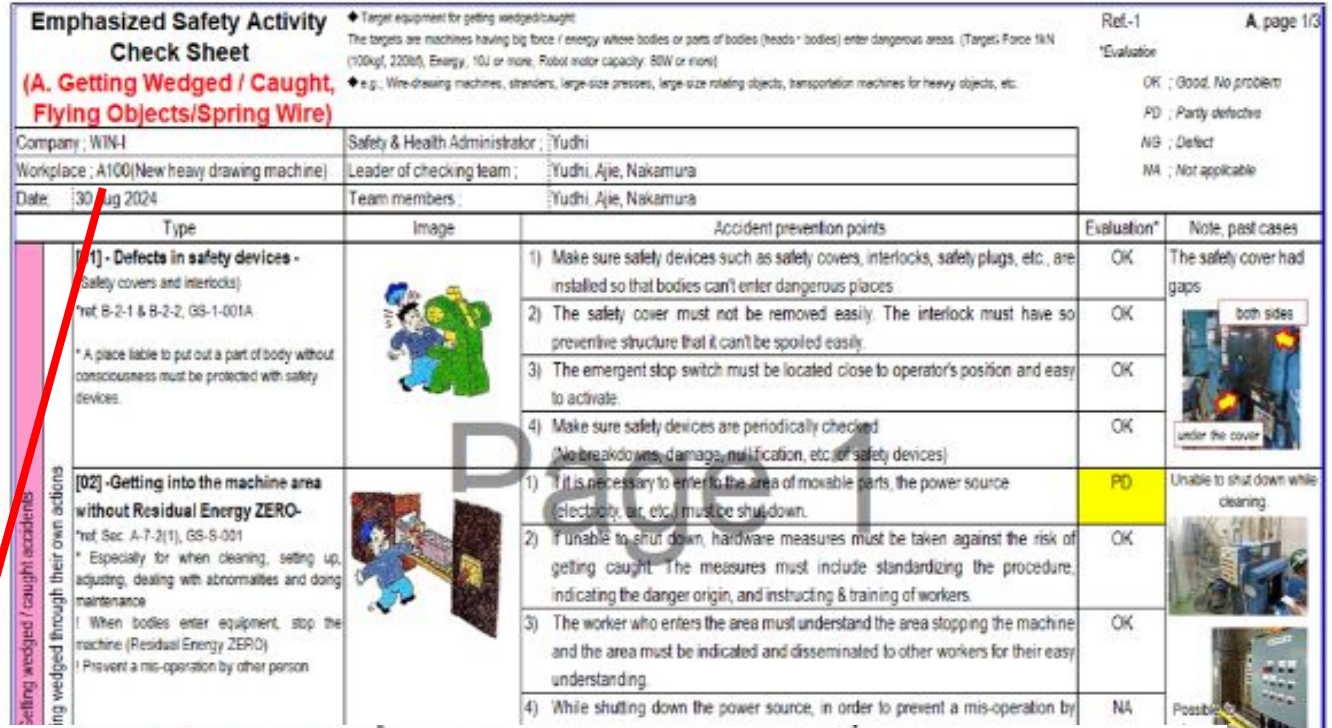
1. Gunakan "**check sheet pencegahan kecelakaan fatal" yang terbaru** untuk mengidentifikasi pengoperasian berbahaya atau risiko, minimal 1x/tahun. Gunakan check sheet ini juga ketika ada modifikasi mesin atau perubahan proses/pengoperasian .



4. Pencegahan kecelakaan fatal/serius

1. Gunakan "**check sheet pencegahan kecelakaan fatal" yang terbaru** untuk mengidentifikasi pengoperasian berbahaya atau risiko, minimal 1x/tahun. **Gunakan check sheet ini juga ketika ada modifikasi mesin atau perubahan proses/pengoperasian**.



Emphasized Safety Activity Check Sheet
(A. Getting Wedged / Caught, Flying Objects/Spring Wire)

◆Target equipment for getting wedged/caught:
The targets are machines having big force / energy where bodies or parts of bodies (heads * bodies) enter dangerous areas. (Target: Force 1kN (100kgf, 220lbf), Energy, 10J or more, Robot motor capacity: 80W or more)
◆e.g., Wire-drawing machines, stranders, large-size presses, large-size rotating objects, transportation machines for heavy objects, etc.

Ref.-1 A, page 1/3

*Evaluation
OK ; Good, No problem
PD ; Partly defective
NG ; Defect
NA ; Not applicable

Company ; WIN-I	Safety & Health Administrator ;	Yudhi	
Workplace ; A100(New heavy drawing machine)	Leader of checking team ;	Yudhi, Ajie, Nakamura	
Date; 30 Aug 2024	Team members ;	Yudhi, Ajie, Nakamura	

Type	Image	Accident prevention points	Evaluation*	Note, past cases
[01] - Defects in safety devices - (Safety covers and interlocks) *ref. B-2-1 & B-2-2, GS-1-001A * A place liable to put out a part of body without consciousness must be protected with safety devices.		1) Make sure safety devices such as safety covers, interlocks, safety plugs, etc., are installed so that bodies can't enter dangerous places	OK	The safety cover had gaps
		2) The safety cover must not be removed easily. The interlock must have so preventive structure that it can't be spoiled easily.	OK	
		3) The emergent stop switch must be located close to operator's position and easy to activate.	OK	
		4) Make sure safety devices are periodically checked (No breakdowns, damage, nullification, etc. of safety devices)	OK	
[02] -Getting into the machine area without Residual Energy ZERO- *ref. Sec. A-7-2(1), GS-8-001 * Especially for when cleaning, setting up, adjusting, dealing with abnormalities and doing maintenance ! When bodies enter equipment, stop the machine (Residual Energy ZERO) ! Prevent a mis-operation by other person		1) If it is necessary to enter to the area of movable parts, the power source (electricity, air, etc.) must be shut down.	PD	Unable to shut down while cleaning
		2) If unable to shut down, hardware measures must be taken against the risk of getting caught. The measures must include standardizing the procedure, indicating the danger origin, and instructing & training of workers.	OK	
		3) The worker who enters the area must understand the area stopping the machine and the area must be indicated and disseminated to other workers for their easy understanding.	OK	
		4) While shutting down the power source, in order to prevent a mis-operation by	NA	Possible

Company ; WIN-I	Safety & Health Administrator ;	Yudhi	
Workplace ; A100(New heavy drawing machine)	Leader of checking team ;	Yudhi, Ajie, Nakamura	
Date; 30 Aug 2024	Team members ;	Yudhi, Ajie, Nakamura	

4. Pencegahan kecelakaan fatal/serius

1. Gunakan "**check sheet pencegahan kecelakaan fatal" yang terbaru** untuk mengidentifikasi pengoperasian berbahaya atau risiko, minimal 1x/tahun. **Gunakan check sheet ini juga ketika ada modifikasi mesin atau perubahan proses/pengoperasian** .

	Type	Image	Accident prevention points	Evaluation*	Note, past cases
Getting wedged / caught accidents — Accidents due to residual pressure	**[04] -Dealing with residual pressure (vessels, air cylinders)-** *ref. Sec. A-7-2(2), GS-S-001 * In cases where bodies could get wedged or objects could fly out by forgetting to release residual pressure		1) A readily visible gauge is installed for confirming residual pressure.	OK	If there are multiple compressors, individual release-valve and pressure gauge must be installed.
			2) Residual pressure releasing valves must be operated easily.	OK	
			3) A readily visible display of "Pay attention to residual pressure!" must be indicated clearly on places liable to cause danger of getting caught and being hit with ejected objects.	PD	
			4) Strictly prohibit putting a part of body within the direction that an object can be ejected with residual pressure. (Especially, covers for vessels where residual pressure is applied, air cylinders stuck in the middle)	OK	
			5) Prevent falling off of objects which can fall off with its weight in the case that the residual pressure is released. (Prevent falling off with a pin, chain, block, etc.)	PD	
Getting caught by inertia	**[05] -Machines having inertia rotation-** *ref. B-2(3), GS-1-001A * A risk of being caught with inertia rotation without awareness despite of an intention of having stopped. ! Never put out a part of body to a machine having inertia rotation soon after power off.		1) Inertia rotation time must be indicated clearly on the machine having inertia rotation. (Definition of inertia rotation: 3 seconds or longer)	NA	Confirm the display "inertia rotation time: xx seconds"
			2) Make sure countermeasures against getting caught are done as needed. * Alarms (Lamp, beep, etc.) during inertia rotation. * An interlock system, etc. (to lock the door) during inertia rotation.	NA	
Accidents during manual operation	**[06] -Supporting hands or idling hands possibly getting caught-** *ref. C-1(2), GS-1-001A, *ref. A-7-1(5), GS-S-001 * A risk putting out a hand carelessly		1) Workers must be instructed and trained about the safe position (and dangerous position) of a supporting hand or idling hand. According to the need, it must be standardized.	OK	The safety cover had a gap able to put out a hand.
			2) Safety measures in hardware must be taken. (both-hand pushing switches, safety covers, sufficient safety spaces, etc.)	OK	
	[07] -Misoperation of buttons- * A risk a part of body is caught due to misoperation.		1) The name plate of control buttons must be readily visible without stains and difficult meaning.	PD	Unable to read due to stains
			2) The alignment of control buttons must be easy to understand. For example, the color and alignment of control buttons must be unified between similar machines.	OK	

1. Gunakan "**check sheet pencegahan kecelakaan fatal" yang terbaru** untuk mengidentifikasi pengoperasian berbahaya atau risiko, minimal 1x/tahun. **Gunakan check sheet ini juga ketika ada modifikasi mesin atau perubahan proses/pengoperasian**.

Emphasized Safety Activity Check Sheet (B. Forklifts)

B, page 1/2

*Evaluation
OK : Good, No problem
PD : Partly defective
NG : Defect
NA : Not applicable

Company:	WIN-I	Safety & Health Administrator :	Yudhi
Workplace:	A100(New heavy drawing machine)	Leader of checking team :	Yudhi
Date:	30 Aug 2024	Team members :	Yudhi, Ajie, Nakamura

Type	Image	Accident prevention points	Evaluation*	Note, past cases
Preventing accidents such as making contact with vehicles (forklifts, etc.), etc. / Bodily injuries - Single vehicle accidents				
[1] -Collision with a pedestrian- *ref. Chapter C, GS-S-002 * Forklift / pedestrian coexisting places, especially, places where forklifts or people could run out from a poor visibility place (entrances, footway-carriageway intersections) ! Drivers of forklift shall endeavor to make way for pedestrians. ! Pedestrians shall endeavor to make way for forklifts. (Never get close to a moving forklift.)		1) At a poor visibility place, such as an exit, an entrance, a corner, etc., a stop traffic sign for forklifts must be displayed clearly and the driver of forklift must be forced to confirm left and right safety always before restart.	NA	No safety measure in front of the door. 
		2) Install attention systems, such as a beep sound, a revolving light, a mirror, etc., which warns that a forklift is approaching, around a poor visibility place.	NA	
		3) At an entrance of forklift operating area, a stop traffic sign for pedestrians is displayed clearly.	NA	Alarm doesn't work. 
		4) Forklift work plan must be prepared. Standards and criteria in the site must be obeyed.	OK	
[2] - Turning over of forklift / Falling off from cockpit - *ref. Sec. A-1-2, A-4-1, C-1-2, and C-1-6, GS-S-002 ! Fasten seatbelt properly ! Check the height of mast		1) Fasten the seatbelt. Wear a hardhat.	OK	Obstacles on the road 
		2) The speed limit must be specified and kept.	OK	
		3) Keep enough space and width for operation and traveling with consideration of dimension of the forklift.	OK	 Steps along the road
		4) Eliminate obstacles (including pallets, cargoes, etc.) and bumps from operation area.	OK	
		5) At places where height of ceiling, beam, gate or shutter is low (< 3.5 m, 11'), check the height of mast to avoid collision.	NA	 Mast height
[3] - Blind spot behind cargoes (Carelessness in front) - *ref. A-7-2, GS-S-002 ! Backward traveling while the forward view is blocked.		1) Backward traveling if the cargo is higher than the specified height.	OK	
		2) Confirm safety of backward outskirts while traveling backward.	OK	
		3) If it is difficult to confirm safety of outskirts, allocate a guide/watcher.	OK	
Cargo collapsing accidents				
[4] -Falling cargo by miscontact- *ref. A-11-2, GS-S-002 * in a case there are many cargoes in narrow space. * including a miscontact of hoist crane. ! Maintain the cargo storage yard "sorted" and "set in order".		1) Cargoes and pallets mustn't be left on carriage way of forklift other than predetermined and indicated place.	OK	
		2) So enough space between racks that the tip of fork can't touch a pallet or a cargo beyond the front rack.	OK	
		3) Operate confirming whether someone is around there.	OK	

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Emphasized Safety Activity Check Sheet
(C. Falling off)

Falling from 1 m (3') height; Contusion on head may cause a fatal accident. So are recommend wearing a helmet to protect the head.
From over 2 m (6.5'); Safety measures are specified in our GS. A helmet and a safety harness are obligated in Japan.
From over 4 m (13'); A victim dies in high possibility, as body rotation during falling causes collision of head with the ground.
From over 8 m (25'); A victim almost dies in rupture of multiple organs, even if collision of head with the ground has been avoided.

Ref.-1 C, page 1/2

*Evaluation
OK ; Good, No problem
PD ; Partly defective
NG ; Defect
NA ; Not applicable

Company:	WIN-I	Safety & Health Administrator ;	Yudhi
Workplace:	A100 (New heavy drawing machin	Leader of checking team ;	Yudhi
Date:	30 Aug 2024	Team members ;	Yudhi, Ajie, Nakamura

Type	Image	Accident prevention points	Evaluation*	Note, past cases
Accidents from falls / falling down — High place, pit — **[1] - Carelessness in securing hands or feet -** *ref. C-18(5), GS-S-001 * Instructing workers daily, so that they wouldn't loose securing of their hands or feet by slipping during the operation of ascending or descending	 Incl. Stairs, Slopes	1) While ascending and descending, every portions to grip or step must be able to confirm visually without any difficulties.	OK	 Corrosion, Rust
		2) While ascending and descending, both hands must be free from a cargo or other object which restricts worker's motion. Can workers secure themselves with a certain measure (utilizing handrails, etc.) against risks of falling off and over?	PD	
		3) Taking anti-slipping measures on the place that easily becomes slippery by oil, etc.	OK	
Accidents from falls / falling down — High place, pit — **[2] -Broken equipment for going up/down-** *ref. C-18(1) & C-18(1), GS-S-001 * e.g.; Ladder, Stepladder, Step, Lift table.		1) Properly confirm whether the equipment for going up/down hasn't become an unsafe condition (appearance, rattling, looseness, etc.) due to deterioration (corrosion), etc., before starting the operation.	OK	 No basket guard  Too low fence
		2) Inspect periodically (Inspection items (mandatory) : No serious corrosion, deformation, rattling, looseness, etc., No painting removal nor rusting, if it is made of steel. Frequency: every 1 to 6 years for indoor, every 1 to 3 years for outdoor facility, depending upon the degree of deterioration.	OK	
Accidents from falls / falling down — High place, pit — **[3] -Defects in falling prevention at high places-** *ref. D-1-2, GS-1-001A, C-18(1) & C-18(1), GS-S-001 * e.g.; No safety fence around a high place or a pit		1) A high workplace and a pit must be taken safety measures, such as a safety fence, a plank for walking, a caution display, etc.	OK	
		2) Personal protective equipment must be worn before starting a work around a high place or a pit. (Even a short time work without PPE must be strictly prohibited as an unsafe action.)	OK	
		3) Inspecting personal protective equipment (Safety harness, Safety block, etc.) periodically. (Voluntary inspection; Once a month at least)	OK	 Overlooked safety harness in inspection  Not maintained by the maker
		4) Each safety block must be maintained by its maker to keep its function, in a period described in the instruction manual, etc.	OK	
Accidents from falls / falling down — Opening — **[4] -Defects in falling prevention at an opening on passage-** *ref. D-1-2, GS-1-001A * e.g.; Inspection of pits, manholes on walking floor		1) Never leave the open status of an inspection hole or manholes without protection. (Even for a short time, such an open condition must be strictly prohibited as an unsafe condition. Therefore, before opening it, equipping such a place with a safety fence, a temporary cover, a caution sign, etc.)	OK	
		2) Isolate the prohibited entry area (with colored cones, traffic cone bars, etc.)	OK	The entrance hole of the pit was left opened

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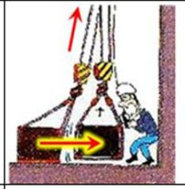
Emphasized Safety Activity Check Sheet — (D. Cranes, Heavies)

*Evaluation: OK ; Good, No problem / PD ; Partly defective / NG ; Defect / NA ; Not applicable

Company;WIN-I	Safety & Health Administrator ; Yudhi
Workplace;A100(New heavy drawing machine)	Leader of checking team ; Yudhi
Date;30 Aug 2024	Team members ; Yudhi, Ajie, Nakamura

Type	Image	Accident prevention points	Evaluation*	Note, past cases
- Prohibitions / Obligations -		1) Never enter areas under suspended cargoes / Be apart enough from suspended cargoes		
[1] -Defects of slings, attachments- *ref, C-16-9 of GS-1-001A, A-2-5, A-7-2(4), C-9, 10, 11 of GS-S-001 *Periodical & Startup Inspection *Proper hooking manner *Safety space to operate <Slings> Chain, Nylon, Wire Slings. Exclusive Hook, Tooling, etc.		1) Startup inspection; Before the operation, confirming whether hooking parts of slings and attachments were abnormally deformed or worn out.	OK	Overlooked slings and exclusive tools in periodical inspection.
		2) Periodical inspection; To Inspect slings & attachments monthly with predetermined periodical inspection items. Durability of wire rope shall be judged with both surface abnormality and replacement year cycle (Calculate with CWPPM 2-009G "Crane inspection standards")	OK	 
		3) Slings must be applied in proper manner and order. The hooking condition of each sling must be confirmed.	OK	Too small hook to hold slings / Eyebolts' welding strength unknown
		4) Even though the lifted cargo falls off due to a defect of the sling, etc., safety distance, direction, and operating space able to evacuate must be kept. (target 2 m (7') min., depend on the style, shape, height to lift up of the cargo.)	OK	 
[2] -Breakage of wire rope- *ref, C-9, GS-S-001 Because of: * Defect of the wire rope, * Sudden operation		1) Selecting a wire sling able to withstand the cargo weight.	OK	
		2) So sudden lifting from the ground that a shock can be given on the wire rope and wire sling must be avoided.	OK	Because the wire rope was wrapped with tape, it was unable to inspect the wire condition.
[3] -Swung cargoes- *ref, A-7-2(4), GS-S-001 *Never pull up a cargo in slant direction *Kept out space / Safety Space *Prevention of misoperation		1) Never pull the cargo up in slant direction from the ground.	OK	Lifting aslant / Broken switch  
		2) Gradually lift a cargo from the ground under watching the motion of cargo carefully	OK	
		3) While controlling the crane, stand away more than the safety distance from the cargo and out of swinging direction, and watch surrounding workers.	OK	No space to evacuate / Unable to read by stains
		4) To specify the area to be kept out and the safety place to stand.	OK	 
		5) The display of the pendant switch must be readily visible. It mustn't have breakage, stains, symbols (arrow mark, left-right mark) liable to mistake.	OK	
Getting caught: **[4] -Getting caught by a sling, rope, a cargo** In a case that the posture of the cargo needs to be controlled manually while crane operation.		1) Never place a hand or an arm along the wire rope which is being hoisted up. Never place a hand on the bottom of cargo while lowering it.	OK	Difficult to set the shackle onto the hook
		- Because a hand is put out unintentionally at an unexpected trouble as a human custom, they must endeavor to use a tool, such as a push/pull pole, through practical training on routine basis. *ref, C-9(5), GS-S-001		

1. Gunakan "**check sheet pencegahan kecelakaan fatal" yang terbaru** untuk mengidentifikasi pengoperasian berbahaya atau risiko, minimal 1x/tahun. **Gunakan check sheet ini juga ketika ada modifikasi mesin atau perubahan proses/pengoperasian**.

Emphasized Safety Activity Check Sheet (E. High-temperature substances, Explosion, Toxic gases)

*Evaluation: OK ; Good, No problem / PD ; Partly defective / NG ; Defect / NA ; Not applicable

E, page 1/2

Company:	MN-I	Safety & Health Administrator ;	Yudhi
Workplace:	A100(New heavy drawing machine)	Leader of checking team ;	Yudhi
Date:	30 Aug 2024	Team members ;	Yudhi, Ajie, Nakamura

	Type	Image	Accident prevention points	Evaluation*	Note, past cases
Accidents due to contact with high-temperature objects	Burns, etc. (boiled water)		1) For an operation dealing with boiled water or steam, the site must prepare and make involved workers obey an operating procedure such as releasing the residual pressure gradually.	NA	
			2) By identifying the danger origin of steam explosion, the risk assessment, the dissemination of such risk information, and the hardware measures against it must be implemented.	NA	
	Burns, etc. (dust, flammable gas)		1) Establish a system (incl. cleaning frequency, inspection frequency & manner) to check whether metal dust, soot, tar, etc. haven't been accumulated in the dust collector and duct.	NA	
			2) Curving and joining of the duct must be minimized. Also the duct must have a structure easy to clean and inspect.	NA	
			3) The furnace must have fire detection & preventive functions.	NA	
			4) Pipe lines (incl. metal pipe, rubber hoses, etc.) must be periodically inspected about leakage and deterioration.	OK	
			5) Flammable gas pipe lines (incl. rubber hoses, etc.) must be periodically inspected about leakage and deterioration.	NA	
	Burns, etc. (Hazardous Gas)		1) Take a measure to prevent falling over or shifting away of cylinders (e.g. securing each cylinder with two steel chains)	NA	
			2) Store cylinders vertically (except horizontal type curdles)	NA	
			3) Periodically inspect the leak detector and the alarm	NA	
			4) Inspect corrosion of cylinders' container periodically	NA	
			5) The bottom of cylinders' container must be free from humidity causing rust.	NA	
			6) Do not leave cylinders under rain or direct sunlight.	NA	
			7) Cylinders containing flammable gas must be stored in well ventilated place.	NA	
	Burns, etc. (chemicals)		1) Standardize dispensing and blending procedure. Clarify prohibitions during dispensing and blending.	OK	
			2) To prevent a misidentification, the chemical name must be labeled on the container. The shape, color & storage place of the container are set by kinds of chemicals, to find easily.	OK	
			3) Instruct workers in nature and risk of chemicals to handle. (The SDS must be available for all involved workers to read.)	OK	

[1] -Scattering of boiled water / steam, Risk of steam explosion-
* Risks around: Releasing residual pressure of boiled water or steam., Liable to cause water contact to a high temperature object.
! Take measures against a risk of burns caused by jetting of boiled water.

*ref. A-7-2(2), Appendix-3, Boiler, GS-S-001

[2] -Dust explosion of Al, Mg, etc. / Explosion of flammable gas-
*Risks among:
- Handling dust of metal, combustible substances, etc.
- Depositing soot or tar
- Handling flammable gas
! To take measures to prevent fire / explosion caused by dust, flammable gas, soot or tar.

*ref. A-10, A-12 (Category 1), GS-S-001
*ref. S-9-1, D-5-1, GS-1-001B

Stains on the kitchen suction hood and the exhaust duct

Long hose got kinked

Deteriorated hose

[3] -Explosion of gas cylinder-
* In a case liable to be exploded or be launched like as a rocket to collide with a worker, by gas leakage caused by rough handling.
! To take a measure against a risk of a cylinder of flammable gas.

*ref. J-3-1, GS-1-001A

No leak detector

Not inspected

Defect in cylinder securing

[4] -Explosion by chemical reaction-
* Where dispensing or blending chemicals.
* Where having containers of chemicals (There were several fatal accidents caused by drinking a chemical not labeled on the container in mistake.)
! To cope with a risk caused by mistake in handling chemicals.

*ref. A-11&12, GS-S-001
*ref. I-1-2, GS-1-001B

4. Pencegahan kecelakaan fatal/serius

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Emphasized Safety Activity Check Sheet **(F. Electric shock)**

Evaluation: OK ; Good, No problem / PD ; Partly defective / NG ; Defect / NA ; Not applicable

F, page 1/2

Company;WIN-I		Safety & Health Administrator ;	Yudhi
Workplace;A100(New heavy drawing machine)		Leader of checking team ;	Yudhi
Date;	30 Aug 2024	Team members ;	Yudhi, Ajie, Nakamura

	Type	Image	Accident prevention points	Evaluation*	Note, past cases
Accidents due to an electric shock / Welding work, etc	**[1] -Violation against regulations in arc welding-** *ref; J-3-4, GS-1-001A, A-7-1(3), GS-5-001* ! An electric shock preventive device must be installed and be checked about its function. ! Maintain and inspect the cable and handle. ! Wear the personal protective equipment properly. ! Avoid outdoor arc-welding on rainy day.	 	1) Install an electric shock preventive device.	NA	 An electric shock preventive device wasn't installed.
			2) The material to be welded must be grounded to earth properly.	NA	
			3) No crack nor breakage of insulation jacket in the cable and handle of the arc welding rod.	NA	
			4) Face guard, insulated gloves, dustproof mask and safety shoes must be worn.	NA	
			5) Insulation properties of the cable, the handle of the arc welding rod, etc. must be inspected.	NA	
Electric shock during operations	**[2] -Electric shock by electric leakage-** ! Install ELCB. ! The device must be grounded to earth properly. ! Take measures for environment liable to leak electricity (due to condensation, metal powder, etc.)	 The symbol of double insulation 	1) Install ELCB to exposed electric devices and inspect its function periodically. 1) Outlets, 2) Outdoor unit of air conditioner, 3) Portable power source, 4) Electric cable reel, 5) Temporary devices for constriction, 6) Devices being used under wet condition.	OK	 No ELCB in outlets circuit.  Outlet under rain
			2) Electric devices (except double insulated ones) must be grounded to earth properly.	OK	 Rust of outdoor distribution box
			3) There mustn't be water or metal powder adhering on the outlet.	OK	
	[3] -Electric shock with inside of distribution box, wiring line, device- ! The electrically charged portion must be protected from touching.		1) The electrically charged part must be insulated with a cover. (except low voltage parts.)	OK	 The terminals weren't insulated
			2) Wiring line must be free from portions in which wire is damaged and terminals exposed conductive part due to defect of terminal treatment.	OK	
			3) The operation in the distribution box must be started after shutting down the main switch.	OK	

4. Pencegahan kecelakaan fatal/serius

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Emphasized Safety Activity Check Sheet (H. Switch-OFF & Residual Energy ZERO)

H, page 1/2

Cases a part of body gets close/directly contacts to a part under motion
Such works must be started after shuting off the energy source of electricity/pressure/etc., and confirming the machine is completely stopped and free from residual energy (Condenser charge/residual pressure/potential energy(inertia rotation/etc.). Also, tag out the machine to prevent third person's misoperation.

Cases difficult to shut down the energy sources.
Carry out hardware measures to prevent accidents of getting caught.
Carry out software measures (clarify the operating procedure, display the origin of danger, educate & train, qualify authorized workers, etc.)

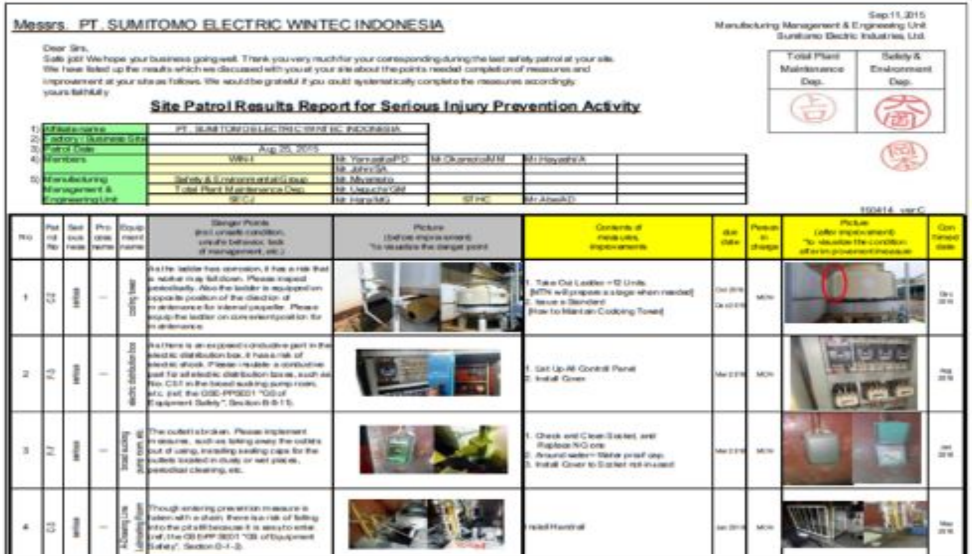
Detect with workers' view, incl.:
- Unskilled workers,
- Subcontractor in the site,
- Staffs, Engineers

Company;WIN-I	Workplace;A100(New heavy drawing machine)	Date;30 Aug 2024
S & H Administrator ;Yudhi	Leader of checking team ;Yudhi	Team members ;Yudhi, Aje, Nakamura

Type	Image	Accident prevention points	Evaluation*	Note, past cases
Ordinary Operation	**[1] -Operations getting close to movable portions-** * Risks able to touch on "movable, rotatable portions", "objects being moved", "devices having residual air or hydraulic pressure" without safety measure such as a cover, interlock system, etc. * Risks getting close to an origin of danger (movable portions, high voltage part, etc.) by a condition that	1) No work inspecting surface of products under motion.	OK	2), 6), 7) Cut wound on the hand holding a workpiece
		2) No work processing material/workpiece held with a hand.	OK	
		3) No manual work while pausing mode. (e.g. exchanging material under single cycle mode.)	OK	4) Outside the specified place, fingers were amputated
		4) Nobody can touch a part under motion from outside of the specified place.	OK	
		5) No work setting/removing a workpiece/tool (grind wheel, etc.) under motion/rotation	OK	3), 7) Fingers were crushed by the upper die dropped suddenly
		6) Unable to get close to a danger origin even if losing balance.	OK	
		7) No manual assist/guiding while the machine is running.	OK	5) By losing balance, he contacted to high voltage
		8) The principle "Stop, Call, Wait" is understood, obeyed and enforced always	OK	
Cleaning	**[2] -Cleaning / Inspection-** * Risks in operations (cleaning, inspecting, measuring, etc.) under the condition the machine is	1) No work contacting to a part under motion with a cloth/tool held with a hand.	OK	Temperature was measured while the machine was running. (detected by the site)
		2) No work touching a part under motion with a meter (thermo-couple etc.) held with a hand.	OK	
		3) The principle "Stop, Call, Wait" is understood, obeyed and enforced always	OK	
Trouble shooting	**[3] -Trouble shooting-** * Risks getting close to a part under motion/rotation while dealing with defects, troubles, and irregular stop of the machine. ! Maintenance must be started after releasing residual air/hydraulic pressure.	1) Unable to put out a hand (part of body) to a part under motion/rotation even unconsciously.	OK	3) Fingers reaching from the space not protected with a cover were amputated. (VNM) "Leave taken"
		2) Unable to start trouble-shooting without shutting down the power source.	OK	
		3) Unable to reach out a hand to a part under motion/rotation (danger origin) from an unguarded space.	OK	
		4) An openable safe guard has an interlock to shut down the power source.	OK	7) Bone fracture with the machine which was left the defect (JPN) "Leave taken"
		5) No manual work starting without releasing residual energy (pressure etc.)	OK	
		6) All parts having residual energy have been identified and provided safe releasing procedure	OK	
		7) Abnormalities & defects of the machine haven't been left without measures.	OK	
		8) Definition and recovering procedure for all abnormalities have been clarified. (Notice regarding safety No.19-002)	OK	
Maintenance	**[4] -Maintenance-** * Risks putting out a part of body into a part under motion/rotation without shutting down the power source. * Risks putting out a hand to a part under motion/rotation.	1) Unable to reach out a hand to a part under motion/rotation (danger origin) from an unguarded space	OK	2), 3) Amputation of thumb by disabling the safety device. (USA) "Leave taken"
		2) Nobody maintains the machine without shutting down the power source and releasing the residual pressure. (The safe procedure has been specified.)	OK	
		3) The rule to have multi-worker operation has been well known thoroughly	OK	3) Forearm fracture while multi-worker operation. (USA) "No leave"
		4) Before turning on the power, the mechanic shall confirm that involved workers have understood the prohibitions and observances.	OK	
		5) Tag-out, lock-out, or off-limit system has been strictly conducted to prevent someone touching the switch in mistake	OK	

4. Pencegahan kecelakaan fatal/serius

2. Untuk mengidentifikasi sebanyak mungkin risiko, selain dari "check sheet pencegahan kecelakaan fatal", identifikasi lokasi bahaya dari kegiatan lain (**dilakukan dari pihak Jepang, seperti patrol/audit**)



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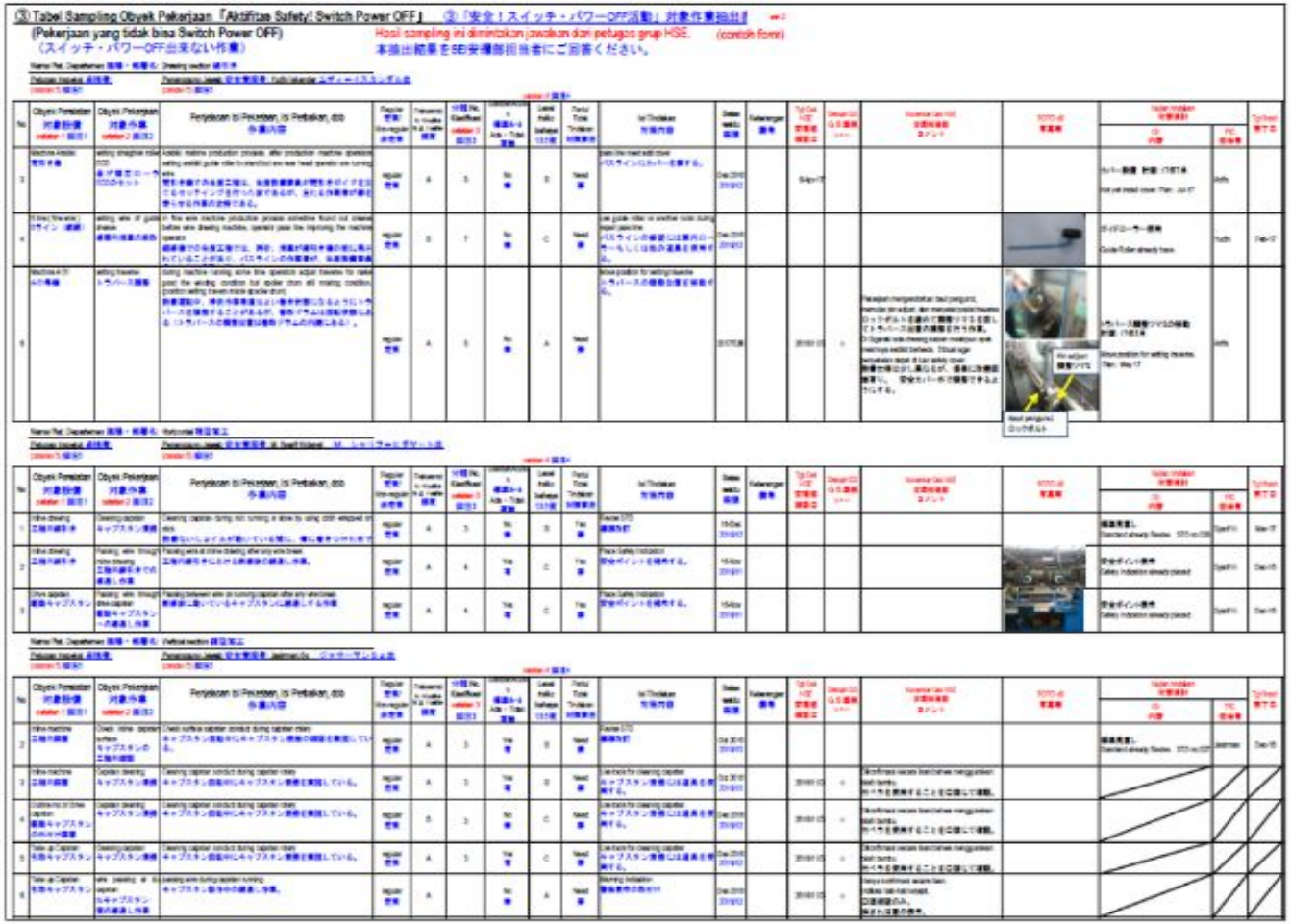

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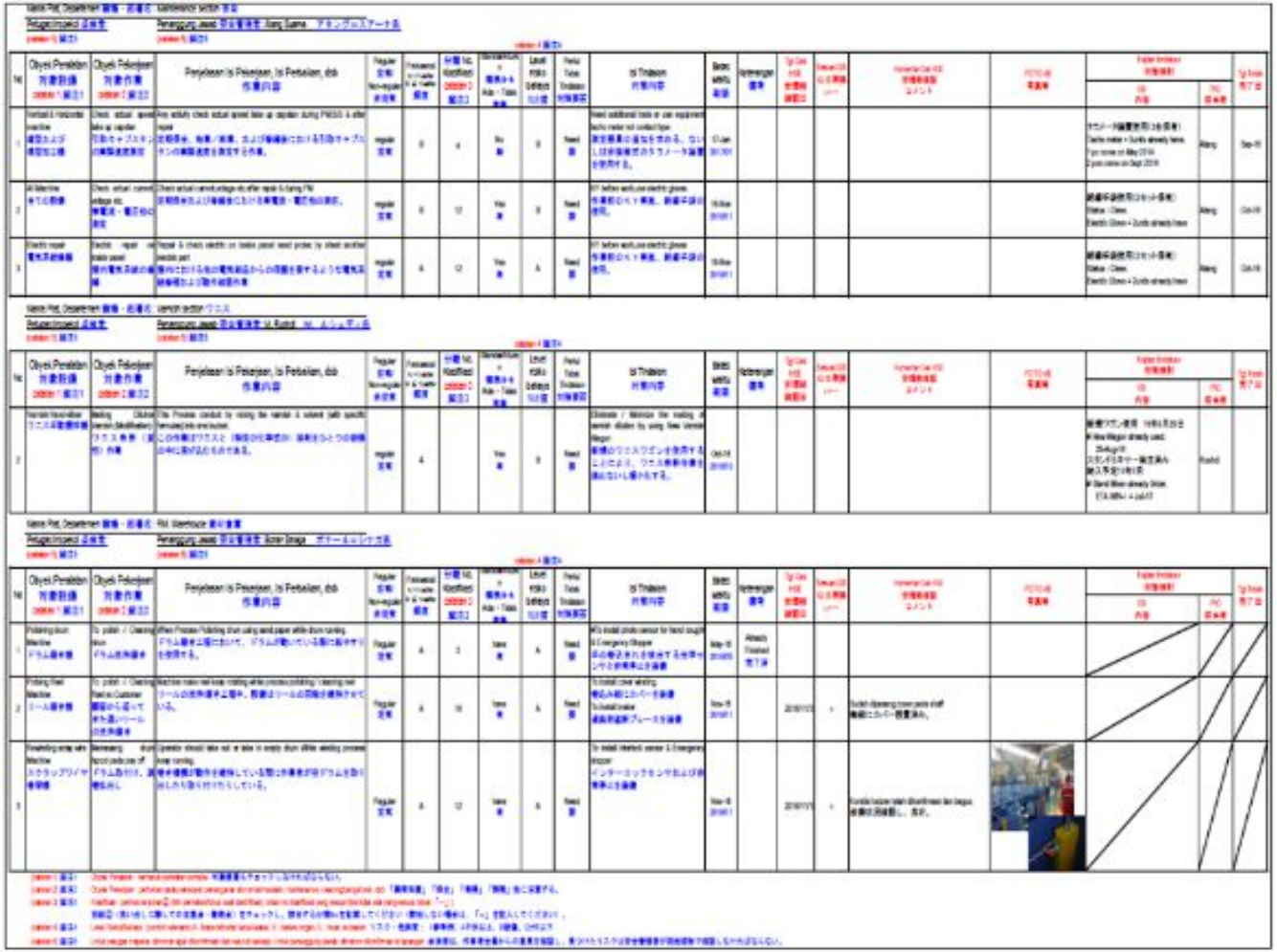

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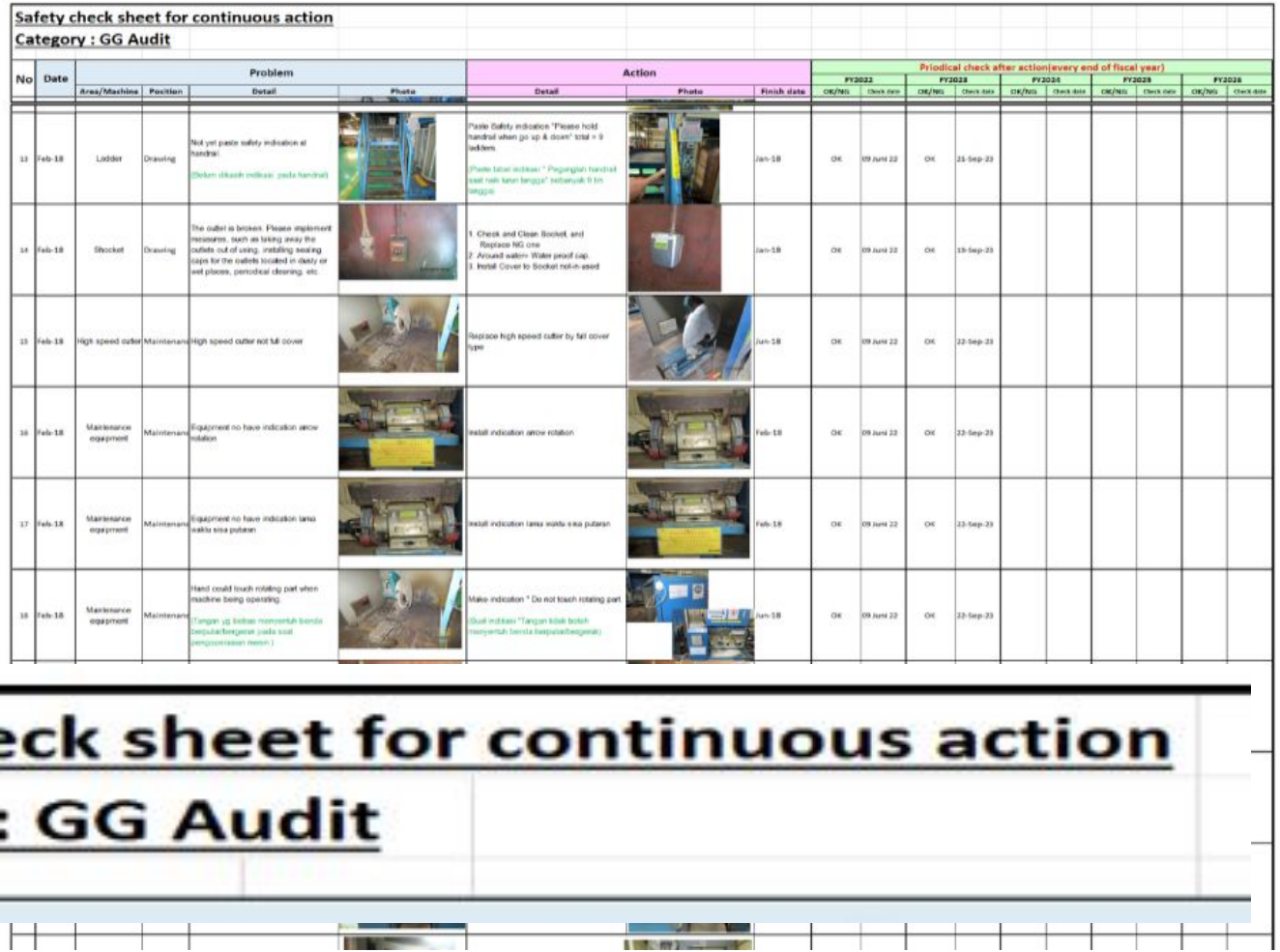


Safety check sheet for continuous action

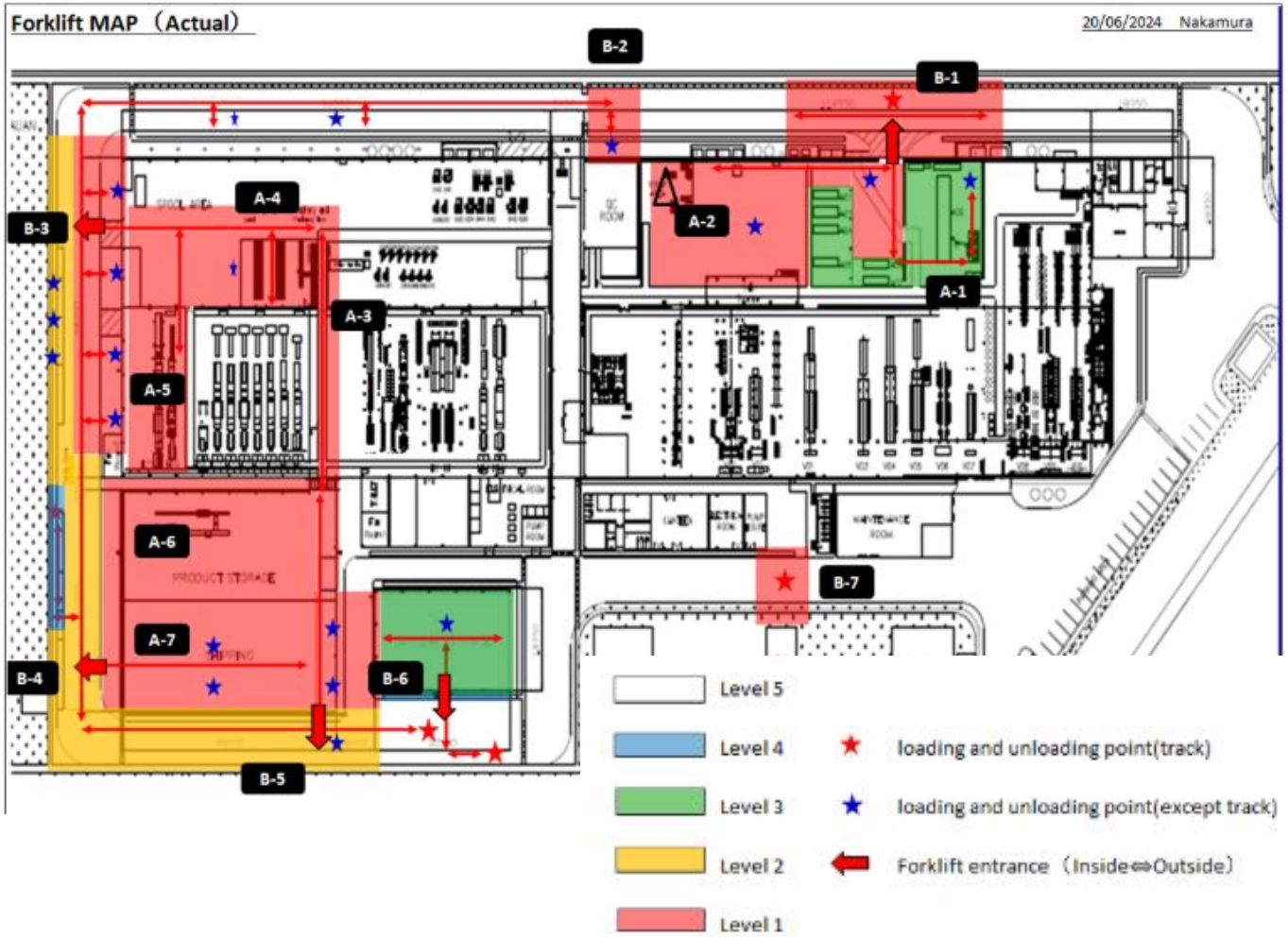
Category : GG Audit

No	Date	Problem				Action			Priodical check after action(every end of fiscal year)									
									FY2022		FY2023		FY2024		FY2025		FY2026	
		Area/Machine	Position	Detail	Photo	Detail	Photo	Finish date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date
13	Feb-18	Ladder	Drawing	Not yet paste safety indication at handrail		Paste Safety indication "Please hold handrail when go up & down" total = 9 sekiers		Jan-18	OK	09 Juni 22	OK	21-Sep-23						
14	Feb-18	Shocket	Drawing	The outlet is broken. Please implement measures, such as taking away the outlets out of using, installing sealing caps for the outlets located in dusty or wet places, periodical cleaning, etc.		1. Check and Clean Socket, and Replace NG one 2. Around waterm Water proof cap 3. Install Cover to Socket not-in-used		Jan-18	OK	09 Juni 22	OK	19-Sep-23						
15	Feb-18	High speed cutter	Maintenance	High speed cutter not full cover		Replace high speed cutter by full cover type		Jun-18	OK	09 Juni 22	OK	22-Sep-23						
16	Feb-18	Maintenance equipment	Maintenance	Equipment no have indication arrow rotation		Install indication arrow rotation		Feb-18	OK	09 Juni 22	OK	22-Sep-23						
17	Feb-18	Maintenance equipment	Maintenance	Equipment no have indication lama waktu sisa putaran		Install indication lama waktu sisa putaran		Feb-18	OK	09 Juni 22	OK	22-Sep-23						
18	Feb-18	Maintenance equipment	Maintenance	Hand could touch rotating part when machine being operating		Make indication " Do not touch rotating part		Jun-18	OK	09 Juni 22	OK	22-Sep-23						

Safety check sheet for continuous action

Category : GG Audit

3. Untuk pekerjaan yang menggunakan **forklift**, **identifikasi lokasi berbahaya di semua area dan mesin di dalam pabrik**, termasuk tempat bongkar muat barang.



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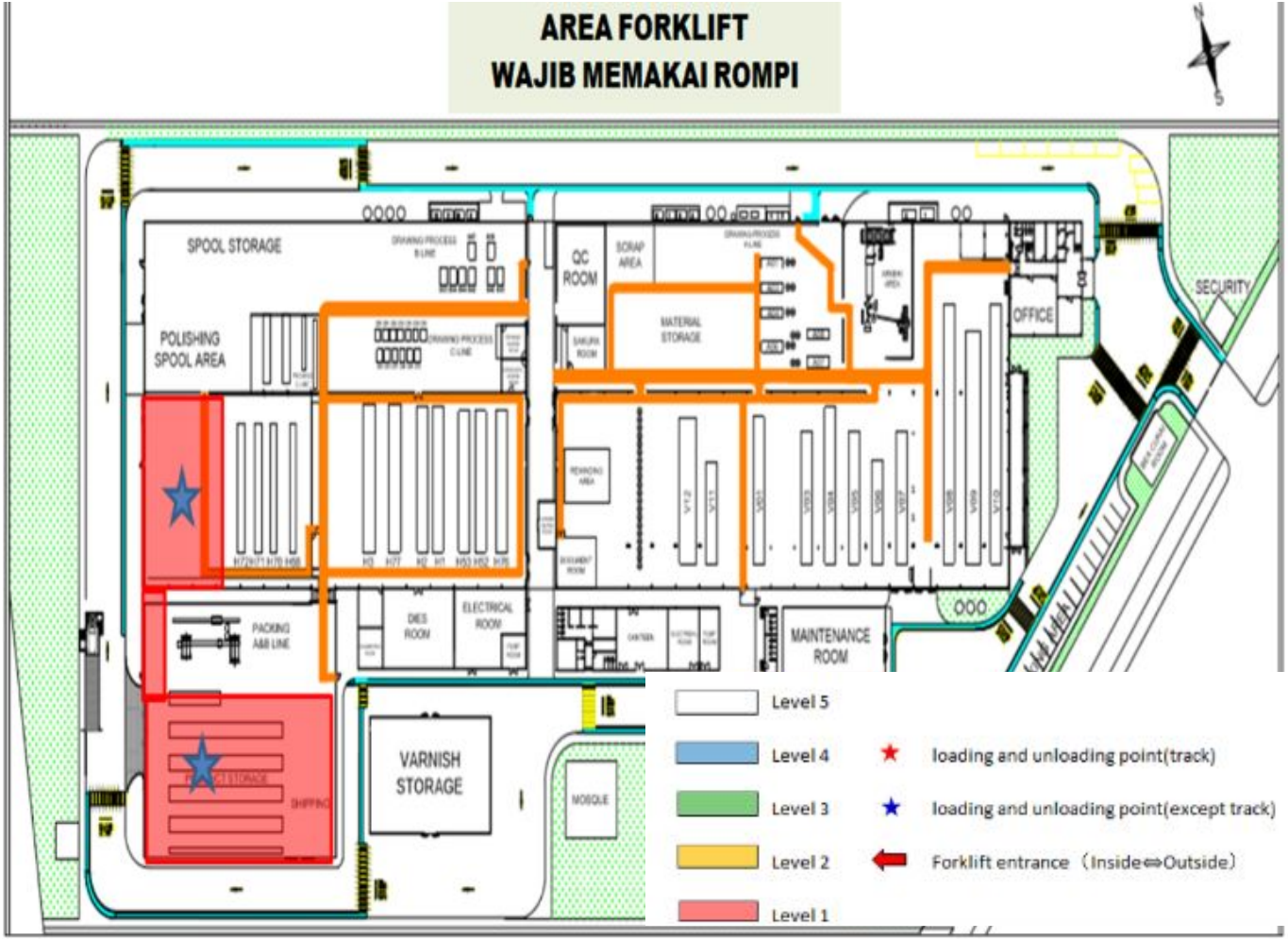

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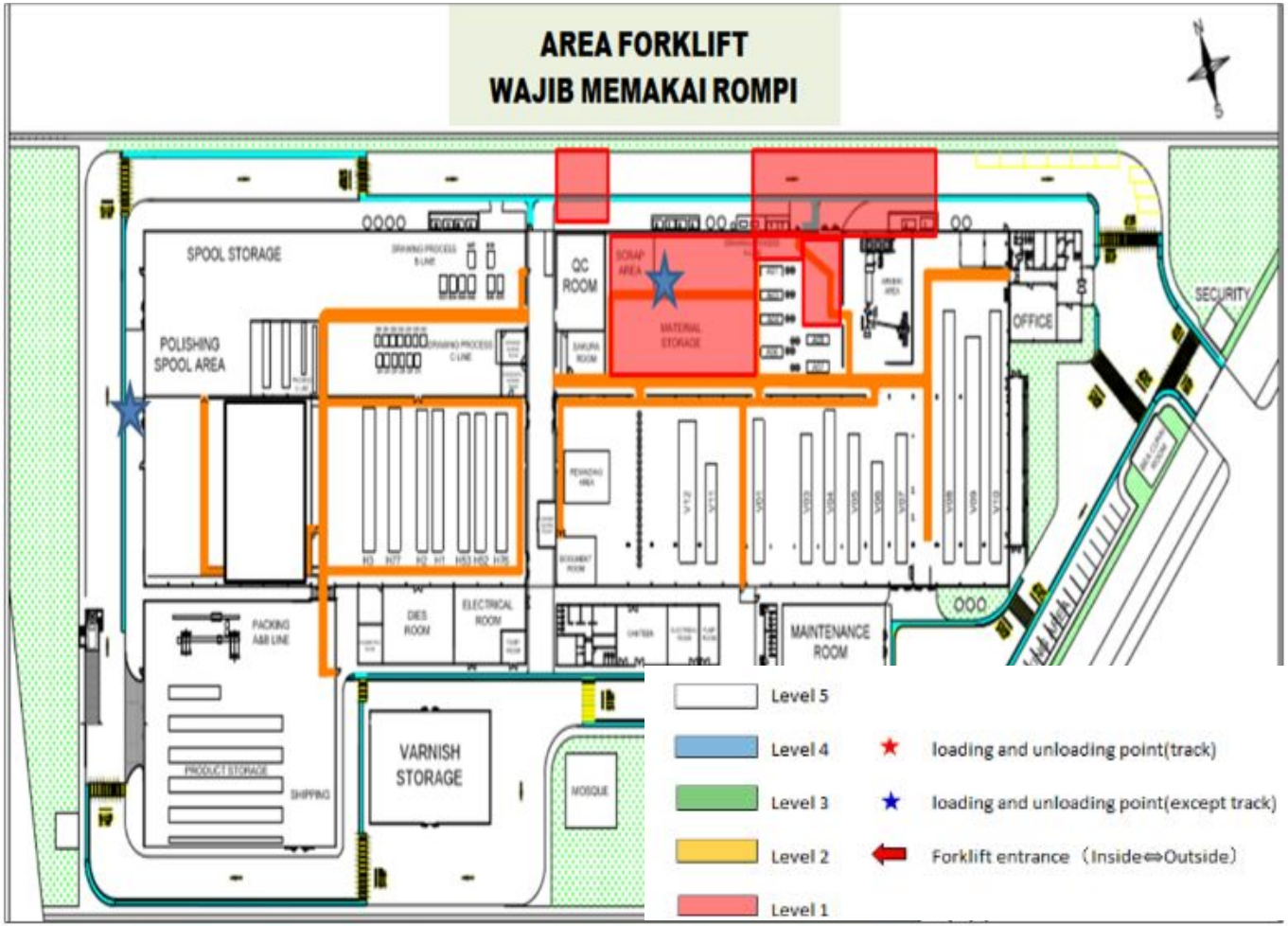
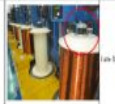


4. Minimal 1x/bulan mengecek kondisi konsistensi penanganan software/hardware.

Safety check sheet for continuous action

Category : GG Audit

Vertical

No	Date	Problem				Action			Priodical check after action (six month)																											
		Area/Machine	Position	Detail	Photo	Detail	Photo	Finish date	2022		2023		Jun-24		Jul-24		Aug-24		Sep-24		Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		Mar-25						
									OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date					
1	Feb-18	Inline finish Capstant	Vertical	Not install yet Safety cover at V-4 , V-8A , V-8B , V12		Make cover Inline finish Capstant		Jul-18	OK	09 Juni 22	OK	19-Sep-23	OK	14 Juni 24																								
2	Feb-18	Winding machine	Vertical	Any possibility reel loose or drop due to it has no reel shaft. (Ada kemungkinan Reel terlepas karena tidak ada Shaft Reel.)		Change pasak spool		Jun-19	OK	09 Juni 22	OK	22-Feb-23	OK	14 Juni 24																								
3	Feb-18	Gerinda	Vertical	Any possibility Gerinda stone flying		Make checking card		Aug-23	OK	09 Juni 22	OK	22 Juni 23	OK	14 Juni 24																								

	Finish date	2022		2023		Jun-24		Jul-24		Aug-24		Sep-24		Oct-24		Nov-24		
		OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK/NG	Check date	OK
	Jul-18	OK	09 Juni 22	OK	19-Sep-23	OK	14 Juni 24											