



HSE Fire Facility Inspection Record

Document No.: CLADDING-HSE-PD-55

I. Basic Inspection Information (Integrating New Format Elements, Clarifying Business Relevance)

Item	Content to be Filled (Integrating Old and New Formats, Associated with Core Business)
Document No.	CPPMEC-HSE-PD-55
Inspection Date	____ Year ____ Month ____ Day (Covering peak operation hours, e.g., 9:00-16:00)
Inspection Type	<input type="checkbox"/> Daily Inspection (Once a week, performed by regional responsible persons) <input type="checkbox"/> Monthly Inspection (Before the 5th of each month, led by the safety department) <input type="checkbox"/> Quarterly Inspection (Before the 10th of the last month of each quarter) <input type="checkbox"/> Annual Inspection (Mid-December each year)
Inspection Department	Quality, Safety and Environmental Protection Department (Leading) + Warehouse Department / Equipment Department / Installation Department (Coordinating)
Inspectors	[Fill in inspectors' names, e.g., Zhang XX (Safety Department Manager, Certified Safety Engineer), Li XX (Warehouse Department Safety Officer), Wang XX (Equipment Department Technician)]
Inspection Time	From : to : (Total duration \geq 4 hours to ensure full area coverage)
Inspection Scope	1. Material Warehousing Module (Hazardous Chemical Storage Area, General Material Warehousing Area, Packaging

	Operation Area); 2. Loading and Unloading Transportation Module (Forklift Operation Area, Crane Lifting Area, Loading and Unloading Platform); 3. Equipment Maintenance Module (Mechanical Maintenance Workshop, Electrical Maintenance Area, Chemical Storage Area); 4. Equipment Installation Module (Open-Air Installation Site, Indoor Assembly Area, Welding Operation Area); 5. Auxiliary Facilities (Power Distribution Room, Office Area, Emergency Material Warehouse)
Weather Condition	<input type="checkbox"/> Sunny <input type="checkbox"/> Cloudy <input type="checkbox"/> Rainy <input type="checkbox"/> Snowy <input type="checkbox"/> Windy (For outdoor facility inspection, note: Focus on fire hydrant anti-freezing and emergency lighting waterproofing in rainy/snowy weather)
Temperature	_____°C (Pay attention to fire extinguisher pressure when temperature ≥30°C in summer, and fire hydrant anti-freezing when temperature ≤0°C in winter)
Humidity	_____ % (Pay attention to insulation of electrical fire facilities when humidity ≥70%)
Inspection Basis	1. <i>Fire Protection Law of the People's Republic of China, Code for Acceptance and Inspection of Building Fire Extinguisher Configuration (GB 50444-2008)</i> ; 2. <i>Company Fire Safety Management System, Fire Facility Maintenance Plan</i>

II. Fire Extinguisher Inspection Record (New Format Classification, Retaining Original Facility Numbers and Business Relevance)

(I) Portable Fire Extinguisher Inspection (Divided by Business Areas, Corresponding to Original Facility Numbers)

Serial No.	Installation Location (Business Area)	Facility No.	Model & Specification	Quantity (Units)	Inspection Item	Inspection Standard (Quantitative)	Inspection Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Existing Problem (Including Risk Level)	Handling Measure (Responsible Person + Time Limit)
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						Indicator)			
1	Hazardous Chemical Storage Area (Acetylene / Hydraulic Oil)	XF-001	ABC Dry Powder 4kg (Explosion-Proof Type)	6	1. Appearance Condition	Nameplate clear (including explosion-proof mark Exd IIB T4), cylinder free of rust and deformation (dent ≤5mm)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					2. Pressure Indication	Pointer in green zone (1.2-1.5MPa), pressure gauge undamaged	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					3. Safety Pin / Lead Seal	Lead seal intact without breakage, pin free of rust and easy to insert/extract	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					4. Nozzle	Spray tube	<input type="checkbox"/> Qualified	-	-

					/ Spray Tube	free of aging cracks (length $\geq 1.2\text{m}$), nozzle unobstructed	<input type="checkbox"/> Unqualified		
					5. Inspection Date	Service life ≤ 5 years from manufacture, ≤ 2 years after first maintenance (Latest inspection date: X Month 2023)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
2	Packaging Operation Area (Carton Storage)	XF-002	ABC Dry Powder 4kg	4	1. Appearance Condition	Nameplate clear, cylinder free of rust	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					2. Pressure Indication	Pointer in yellow zone (0.9MPa < 1.2MPa)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Insufficient pressure, unable to extinguish fire effectively, Risk	1. Immediately replace with new fire extinguisher (same model, manufactured

								Level: Medium	≥2023); 2. Responsible Person: Li XX (Warehouse Department); 3. Completion Time Limit: Same day
					3. Safety Pin / Lead Seal	Lead seal intact, pin normal	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					4. Nozzle / Spray Tube	Spray tube intact, nozzle unobstructed	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					5. Inspection Date	Manufacture date: March 2019 (Exceeding 5-year service life)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Fire extinguisher expired, fire-extinguishing agent ineffective, Risk Level: Medium	1. Synchronously scrap the expired fire extinguisher; 2. Responsible Person: Li XX (Warehouse Department); 3.

									Completion Time Limit: Same day
3	Power Distribution Room (High-Voltage Equipment)	XF-006	CO ₂ Fire Extinguisher 2kg	4	1. Appearance Condition	Cylinder free of deformation and corrosion (weld without cracks)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					2. Weight Check	Weight ≥1.9kg (rated 2kg, ≥95%), no significant weight loss (≤50g/year)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					3. Spraying Component	Spray barrel free of deformation, valve switch flexible	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					4. Inspection Date	Latest inspection date: X Month 2023 (CO ₂ fire extinguishers)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

						inspected once every 2 years)			
4	Maintenance Workshop (Hot Work Area)	XF-005	ABC Dry Powder 4kg	3	1. Appearance Condition	Nameplate clear, cylinder free of oil stains (to avoid ignition at high temperature)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					2. Pressure Indication	Pointer in green zone (1.3MPa)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					3. Safety Pin / Lead Seal	Lead seal intact, pin free of oil stains	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					4. Nozzle / Spray Tube	Spray tube free of aging, nozzle unobstructed by welding slag	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
					5. Inspection Date	Manufacture date: X Month 2022	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

						(Within service life)			
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(II) Trolley-Mounted Fire Extinguisher Inspection (Focusing on High-Risk Areas, Corresponding to Original Facility Numbers)

Serial No.	Installation Location (Business Area)	Facility No.	Model & Specification	Inspection Item	Inspection Standard (Quantitative Indicator)	Inspection Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Existing Problem (Including Risk Level)	Handling Measure (Responsible Person + Time Limit)
1	General Material Warehousing Area (Equipment Storage)	XF-004	ABC Dry Powder 35kg	1. Trolley Frame Component	Frame free of deformation, wheels flexible (no jamming when moving), fixed bracket stable	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Spraying System	Rubber hose length ≥10m, free of aging cracks (pressure resistance ≥1.5MPa), nozzle unobstructed	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

				3. Pressure Indication	Pointer in green zone (1.2-1.5MPa), pressure gauge undamaged	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				4. Operating Mechanism	Valve switch flexible, handle without looseness, spraying control smooth	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				5. Inspection Date	Latest inspection date: X Month 2023 (Trolley-mounted fire extinguishers inspected once a year)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
2	Welding Operation Area (High-Frequency Hot Work)	XF-009	ABC Dry Powder 20kg	1. Trolley Frame Component	Frame stable, wheel brake effective (no sliding on 30° slope)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Spraying	Rubber hose free	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Storage	1. Adjust to 3m

				System	of aging, nozzle aligned with hot work point (storage location 8m from operation point > 5m standard)	ed	location too far, unable to retrieve quickly in case of fire, Risk Level: Medium	from operation point, add portable fire extinguisher XF-010; 2. Responsible Person: Zhao XX (Installation Department); 3. Completion Time Limit: Within 24 hours
				3. Pressure Indication	Pointer in green zone (1.3MPa)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				4. Operating Mechanism	Operating handle flexible, no jamming	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				5. Inspection Date	Manufacture date: X Month 2022 (Within service life)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

III. Fire Hydrant System Inspection Record (New Format Divided into Indoor and Outdoor, Associated with Business Area Risks)

(I) Indoor Fire Hydrant Inspection (Arranged by Business Areas, Corresponding to Original Facility Numbers)

Serial No.	Installation Location (Business Area)	Facility No.	Specification & Model	Inspection Item	Inspection Standard (Quantitative Indicator)	Inspection Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Existing Problem (Including Risk Level)	Handling Measure (Responsible Person + Time Limit)
1	East Wall of General Material Warehousing Area	XS-001	DN65 (Pressure-Reducing and Stabilizing Type)	1. Hydrant Cabinet Appearance	Cabinet free of deformation and rust, clear identification ("Fire Hydrant" wording + red paint), cabinet door opening angle $\geq 120^\circ$	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Facilities Inside Cabinet	Complete configuration: 1 piece of 25m hose, 1 piece of DN19 water gun, 1 piece of fire button, no	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

					missing parts			
				3. Interface and Valve Stem	Interface free of rust (thread intact), valve stem rotating flexibly (torque $\leq 30\text{N}\cdot\text{m}$), no leakage	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				4. Hose and Water Gun	Hose free of aging cracks (pressure resistance $\geq 1.6\text{MPa}$), water gun free of deformation, reliable connection (no water leakage)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				5. Remote Pump Activation	Fire button functioning normally (fire pump starts within 30s after	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

					pressing), indicator light on			
2	Loading and Unloading Platform (Indoor)	XS-003	DN65	1. Hydrant Cabinet Appearance	Cabinet intact, no obstruction (no materials stacked within 1m around)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Facilities Inside Cabinet	Hose and water gun complete, no damage	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				3. Interface and Valve Stem	Slight rust on interface, valve stem rotating with slight jamming	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Rust on interface affecting connection, valve stem jamming delaying fire extinguishing, Risk Level: Low	1. Remove interface rust (sandpaper polishing + anti-rust paint), apply lubricating grease; 2. Responsible Person: Zhang XX (Equipment Department); 3. Completion Time Limit:

								Within 48 hours
				4. Hose and Water Gun	Hose intact, reliable connection of water gun	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				5. Remote Pump Activation	Fire button functioning normally	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

(II) Outdoor Fire Hydrant Inspection (Combined with Weather and Environment, Corresponding to Original Facility Numbers)

Serial No.	Installation Location (Business Area)	Facility No.	Specification & Model	Inspection Item	Inspection Standard (Quantitative Indicator)	Inspection Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Existing Problem (Including Risk Level)	Handling Measure (Responsible Person + Time Limit)
1	Main Factory Road (Near Loading and Unloading Platform)	XS-002	DN100 (Above-Ground Type)	1. Valve Body Condition	Valve body free of leakage (no dripping within 10min after opening valve), no rust (paint integrity rate ≥90%)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

				2. Interface Integrity	Interface undamaged, complete blanking caps (rubber sealing rings free of aging)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				3. Drainage Function	Smooth drainage after valve closing (residual water drained within 1min), no water accumulation	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				4. Surrounding Environment	No obstruction (no trees, billboards within 5m), unobstructed fire lane (width $\geq 4\text{m}$)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				5. Anti-Freezing Measure (Winter)	Insulation layer intact (rock wool thickness $\geq 50\text{mm}$),	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	- (Non-winter)	-

					electric heat tracing system normal (temperature $\geq 5^{\circ}\text{C}$ after power-on)			
2	Open-Air Installation Site (Beside Scaffolding)	XS-004	DN65 (Temporary Type)	1. Valve Body Condition	Temporary pipeline free of leakage, valve body fixed firmly	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Interface Integrity	Reliable interface connection, no looseness	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				3. Drainage Function	Normal drainage, no water accumulation	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				4. Surrounding Environment	No obstruction, close to hot work point (distance $\leq 30\text{m}$)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				5. Anti-Freezing Measure (Winter)	Temporary insulation (canvas + rock wool) intact	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	- (Non-winter)	-

IV. Automatic Fire Facility Inspection Record (Newly Added Module in New Format, Supplementing Business Area Adaptation)

Serial No.	Facility Type	Installation Location (Business Area)	Facility No.	Inspection Item	Inspection Standard (Quantitative Indicator)	Inspection Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Existing Problem (Including Risk Level)	Handling Measure (Responsible Person + Time Limit)
1	Automatic Fire Alarm System	Power Distribution Room / Hazardous Chemical Area	BJ-001	1. Detector	Clean appearance (no dust covering), firmly installed (deviation $\leq 3\text{mm}$), alarm response time $\leq 10\text{s}$	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Manual Alarm Button	Intact appearance, alarm host responds immediately after pressing, clear identification	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				3. Alarm Controller	Normal operation (no fault/fire alarm display), effective	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

					self-inspection function, complete records			
				4. Power Supply System	Normal automatic switching between main and backup power (switching within 30s after power failure), backup power endurance ≥8h	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				5. Interlock Test	After alarm, interlocked with exhaust (hazardous chemical area) and cutting off non-fire power (power distribution room), normal function	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
2	Automatic Sprinkler System	General Material Warehousing Area	PS-001	1. Sprinkler Pump	Normal operation (no abnormal noise), outlet pressure	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

					0.8MPa (meeting design value), current \leq rated value			
				2. Pressure Stabilizing Facility	Normal start-stop of pressure stabilizing pump, stable pipeline pressure (0.7-0.8MPa)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				3. Alarm Valve Group	Valve body free of leakage, sensitive opening (alarm when flow \geq 15L/min), water motor gong sounding	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				4. End Water Test	End pressure \geq 0.05MPa, flow \geq 1.5L/min, smooth drainage	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				5. Pipeline Valve	Flexible valve opening and closing, correct status (normally	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

					open valves fully open, normally closed valves fully closed), clear identification			
3	Gas Fire Extinguishing System (Heptafluoropropane)	Power Distribution Room (High-Voltage Cabinet Area)	QT-002	1. Storage Device	Cylinder pressure 2.6MPa (standard 2.2-2.8MPa), no rust or deformation	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Activation Device	Effective manual/automatic activation (discharging within 30s after simulating fire alarm), normal signal feedback	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				3. Pipeline Component	Pipeline free of rust, nozzles unobstructed (spray holes unblocked), correct direction (aligned with	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

					protection area)			
				4. Inspection Date	Latest inspection date: X Month 2023 (Gas fire extinguishing systems inspected once every 2 years)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

V. Emergency Lighting and Evacuation Indication System Inspection Record (Detailed in New Format, Retaining Original Facility Traceability)

Serial No.	Inspection Location (Business Area)	Facility No.	Facility Type	Inspection Item	Inspection Standard (Quantitative Indicator)	Inspection Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Existing Problem (Including Risk Level)	Handling Measure (Responsible Person + Time Limit)
1	Evacuation Passage in Packaging Operation Area	ZM-001	Wall-Mounted Emergency Light	1. Emergency Lighting	Illuminance $\geq 10lx$ (evacuation passage), no damaged light source (100% integrity rate of LED beads)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Power Switching	Activated within 5s	<input type="checkbox"/> Qualified	-	-

				g	after power failure (failure if exceeding 5s), normal switching between main and backup power	<input type="checkbox"/> Unqualified		
				3. Continuous Lighting	Continuous lighting ≥90min (no extinguishing during 30min test)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
2	Evacuation Passage in Loading and Unloading Platform (Indoor)	ZM-002	Recessed Emergency Light	1. Emergency Lighting	Illuminance 8lx < 10lx standard, partial damaged light source (2 LED beads not working)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Insufficient illuminance + damaged light source, poor visibility for evacuation in case of fire, Risk Level: Medium	1. Replace damaged LED beads, add 1 set of emergency lights (ZM-013); 2. Responsible Person: Zhang XX (Equipment Department); 3. Completion Time Limit:

								Within 48 hours
				2. Power Switching	Activated 10s after power failure > 5s standard	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Activation delay, delaying evacuation, Risk Level: Medium	1. Replace emergency light battery (12V/7Ah), adjust activation module; 2. Responsible Person: Zhang XX (Equipment Department); 3. Completion Time Limit: Within 48 hours
				3. Continuous Lighting	Continuous lighting 80min < 90min standard	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Insufficient lighting duration, Risk Level: Medium	1. Synchronously replace battery to ensure endurance ≥90min; 2. Responsible Person: Zhang XX (Equipment Department); 3. Completion Time Limit: Within 48 hours

3	Safety Exit (Warehousing Area Exit)	SZ-001	Wall-Mounted Evacuation Indicator Sign	1. Evacuation Indication	Correct indication (arrow pointing to exit), brightness $\geq 15 \text{cd/m}^2$, no obstruction	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Installation Spacing	Spacing $15\text{m} \leq 20\text{m}$ standard, installation height 1.0-1.2m	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				3. Power Switching	Lights up immediately after power failure, duration $\geq 90\text{min}$	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
4	Stairwell (Office Area)	SZ-002	Floor-Mounted Recessed Evacuation Indicator Sign	1. Evacuation Indication	Clear identification, no wear, continuous arrows	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
				2. Waterproof Performance	No water seepage on floor, intact shell	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

				3. Power Switching	Lights up normally after power failure	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
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VI. Fire Lane and Safety Exit Inspection Record (Standardized in New Format, Associated with Business Area Management)

Serial No.	Inspection Location (Business Area)	Passage / Exit Type	Inspection Item	Inspection Standard (Quantitative Indicator)	Inspection Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Existing Problem (Including Risk Level)	Handling Measure (Responsible Person + Time Limit)
1	Main Passage in Packaging Operation Area	Evacuation Passage	1. Passage Width	Width 1.0m < 1.8m standard (new format requirement), not meeting the needs of densely populated areas	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Narrow passage, evacuation congestion in case of fire, Risk Level: High	1. Clear cartons stacked in the passage (move to designated storage area); 2. Re-plan the passage (widen to 2.0m); 3. Responsible Person: Li XX (Warehouse Department); 4. Completion Time Limit: Within 24 hours

			2. Passage Unobstructed	Cartons stacked in the passage (occupying 0.2m width), with obstruction	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Blocked passage, delaying evacuation, Risk Level: High	1. Synchronously clear obstacles, set yellow no-stacking marking lines; 2. Responsible Person: Li XX (Warehouse Department); 3. Completion Time Limit: Within 24 hours
			3. Signage Setting	Clear evacuation signs, correct direction	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
2	Safety Exit of General Material Warehousing Area	Safety Exit	1. Number of Exits	2 exits (meeting the requirement of "≥2 exits for building area > 1000 m ² ")	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
			2. Exit Unobstructed	Exit unobstructed, flexible opening (opening outward, no locking)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

			3. Signage Setting	Eye-catching "Safety Exit" sign (red light, no obstruction)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
3	Factory Fire Lane	Fire Lane	1. Lane Width	Width 4.5m \geq 4m standard, meeting the needs of large fire truck passage	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
			2. Lane Unobstructed	No occupation (no parked vehicles, no stacked materials), turning radius \geq 12m (meeting fire truck turning needs)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
			3. Road Surface Condition	Flat road surface, no damage (pothole \leq 50mm), load-bearing capacity \geq 30t (fire truck weight)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

4	Fire Door in Maintenance Workshop	Fire Separation	1. Opening/Closing Status	Normally closed fire door kept closed, door closer functioning normally (automatic closing time ≤30s)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
			2. Sealing Performance	Intact gap sealing (no smoke penetration), no deformation	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

VII. Other Fire Facility Inspection Record (Supplemented in New Format, Improving Business Area Protection)

Serial No.	Facility Type	Installation Location (Business Area)	Inspection Item	Inspection Standard (Quantitative Indicator)	Inspection Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Existing Problem (Including Risk Level)	Handling Measure (Responsible Person + Time Limit)
1	Fire Emergency Broadcast	Office Area / Warehousing Area	1. Sound Quality	Clear sound (decibel ≥60dB), no noise, full area coverage (no blind spots)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
			2. Coverage	Clearly audible in	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

			Range	office area and warehousing area, no dead ends	d		
			3. Function Test	Normal emergency switching (automatically plays evacuation instructions after fire alarm), effective manual control	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
2	Fire Separation Facility (Fire Shutter)	General Material Warehousing Area Zoning	1. Lifting Function	Normal lifting (no jamming), descending speed 3-5m/min (meeting standard), good sealing after in place	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
			2. Interlock Function	Automatically descends after fire alarm (pauses at 1.8m above ground for 30s, then descends to the ground)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

			3. Manual Control	Effective manual button control, normal emergency stop function	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
3	Emergency Material Warehouse (Fire Fittings)	Emergency Material Warehouse	1. Hose Fittings	10 spare hoses (Type 13-65-25), 2 with aging cracks (unqualified in pressure test)	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	Aging hoses, may burst and leak water in case of fire, Risk Level: Medium	1. Scrap aging hoses, supplement with new hoses (same model); 2. Establish fitting ledger (inspect once a month); 3. Responsible Person: Chen XX (Safety Department); 4. Completion Time Limit: Within 72 hours
			2. Fire Extinguisher Fittings	Complete spare safety pins and nozzles, no missing parts	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-

			3. Maintenance Tools	Complete maintenance tools such as pressure gauges, wrenches, and lubricating grease, in usable condition	<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	-	-
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VIII. Summary of Inspection Findings (Classified in New Format, Retaining Original Risk Level and Responsibility Traceability)

Serial No.	Problem Type	Problem Description (Area + Facility + Abnormality)	Severity Level (New Format)	Risk Level (Original Format)	Responsible Department	Rectification Time Limit	Rectification Measure (Specific Operation)
1	Fire Extinguisher Problem	Portable fire extinguisher XF-002 in packaging operation area: Pressure 0.9MPa (yellow zone) + Manufacture date March 2019 (expired)	<input type="checkbox"/> Major <input type="checkbox"/> General	Medium	Warehouse Department	Same day	1. Replace with new fire extinguisher (ABC dry powder 4kg, manufactured ≥2023); 2. Scrap expired fire extinguisher, record in ledger

2	Emergency Lighting Problem	Emergency light ZM-002 in loading and unloading platform: Illuminance 8lx < 10lx + Activation 10s > 5s + Duration 80min < 90min	<input type="checkbox"/> Major <input type="checkbox"/> General	Medium	Equipment Department	Within 48 hours	1. Replace LED beads + 12V/7Ah battery; 2. Adjust activation module to ensure activation within 5s
3	Fire Lane Problem	Main passage in packaging operation area: Width 1.0m < 1.8m + Blocked by stacked cartons	<input type="checkbox"/> Major <input type="checkbox"/> General	High	Warehouse Department	Within 24 hours	1. Clear cartons, widen passage to 2.0m; 2. Set no-stacking signs, conduct daily inspection
4	Trolley-Mounted Fire Extinguisher Problem	Trolley-mounted fire extinguisher XF-009 in welding operation area: Storage location 8m from operation point > 5m	<input type="checkbox"/> Major <input type="checkbox"/> General	Medium	Installation Department	Within 24 hours	1. Move to 3m from operation point; 2. Add portable fire extinguisher XF-010
5	Fire Fitting Problem	Hose PJ-001 in emergency	<input type="checkbox"/> Major <input type="checkbox"/> General	Medium	Safety Department	Within 72 hours	1. Scrap aging hoses,

		material warehouse : 2 with aging cracks, unqualified in pressure test	al		t		supplement with new Type 13-65-25 hoses; 2. Inspect fitting integrity monthly
6	Indoor Fire Hydrant Problem	Indoor fire hydrant XS-003 in loading and unloading platform: Slight rust on interface + Valve stem jamming	<input type="checkbox"/> Major <input type="checkbox"/> General	Low	Equipment Department	Within 48 hours	1. Polish interface to remove rust + apply anti-rust paint; 2. Apply lubricating grease to valve stem to ensure flexibility

IX. Inspection Conclusions and Recommendations (Statistics in New Format + Original Business Improvement Direction)

(I) Inspection Statistics (Standardized in New Format, Quantifying Business Area Compliance)

Item	Quantity Inspected	Quantity Qualified	Quantity Unqualified	Qualification Rate (%)	Main Unqualified Areas
Portable Fire Extinguishers	28 units	26 units	2 units	92.9	Packaging Operation Area
Trolley-Mounted Fire Extinguishers	4 units	3 units	1 unit	75.0	Welding Operation Area

Indoor Fire Hydrants	5 units	4 units	1 unit	80.0	Loading and Unloading Platform
Outdoor Fire Hydrants	3 units	3 units	0 units	100.0	-
Automatic Fire Facilities	6 sets	6 sets	0 sets	100.0	-
Emergency Lights	15 sets	13 sets	2 sets	86.7	Loading and Unloading Platform
Evacuation Indicator Signs	20 units	20 units	0 units	100.0	-
Fire Lanes / Safety Exits	8 locations	7 locations	1 location	87.5	Packaging Operation Area
Total	89 items	82 items	7 items	92.1	-

(II) Overall Evaluation (Graded in New Format, Associated with Business Risks)

□Excellent (Qualification Rate $\geq 95\%$) □Good ($85\% \leq$ Qualification Rate $< 95\%$) □Qualified ($70\% \leq$ Qualification Rate $< 85\%$) □Unqualified (Qualification Rate $< 70\%$)

Evaluation Description: The overall qualification rate of this inspection is 92.1%, which is rated as "Good"; however, high-risk problems (passage blockage) exist in the packaging operation area, requiring focused attention on rectification.

(III) Improvement Recommendations (Integrating New Format Management Requirements + Original Business Optimization Direction)

1. Refined Facility Maintenance:

- Establish a "one facility, one ledger" system according to the new format, recording the number, location, inspection date, and maintenance records of each facility (e.g., next inspection date of fire extinguisher XF-002: X Month 2026);
- For high-humidity areas (loading and unloading platform), select emergency lights with IP65 protection level to prevent battery moisture causing activation delay.

1. Standardized On-Site Management:

- Implement a "daily pre-shift inspection" system in high-frequency risk areas such as the packaging operation area and welding operation area, with signatures confirmed by regional responsible persons (e.g., Li XX of the Warehouse Department);
- Set yellow no-stacking marking lines in fire lanes, install surveillance cameras to prevent material stacking (a fine of 500 yuan will be imposed on the responsible department for one violation).

1. Enhanced Personnel Competence:

- Conduct fire operation training quarterly, focusing on training "fire extinguisher operation (pull-pull-squeeze-sweep)" and "fire hydrant hose connection", ensuring 100% of employees master the skills;
- Conduct fire emergency drills every six months (simulating carton fire in the packaging operation area), and record the time from alarm to fire extinguishing (target ≤5 minutes).

1. Supplementary Intelligent Monitoring:

- Install smoke detectors + video surveillance in hazardous chemical areas and packaging operation areas, linked with the fire control room to trigger real-time alarms for abnormal situations;
- Install RFID tags on fire extinguishers and fire hydrants, allowing inspection dates and maintenance records to be checked by scanning the code, with automatic reminders for expiration.

X. Rectification Verification Record (Closed-Loop in New Format, Retaining Original Responsibility Traceability)

Serial No.	Problem Description (Corresponding to Part VIII)	Rectification Measure (Summary)	Rectification Responsible Person	Planned Completion Date	Actual Completion Date	Verification Result (<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified)	Verifier
1	Expired + insufficient pressure of fire extinguisher XF-002 in packaging operation area	Replace with new fire extinguisher, scrap expired one	Li XX (Warehouse Department)			<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	

2	Insufficient illuminance + activation delay of emergency light ZM-002 in loading and unloading platform	Replace light beads and battery, adjust activation module	Zhang XX (Equipment Department)			<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	
3	Narrow + blocked passage in packaging operation area	Clear cartons, widen passage to 2.0m	Li XX (Warehouse Department)			<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	
4	Fire extinguisher XF-009 in welding operation area placed too far	Adjust location + add portable fire extinguisher	Zhao XX (Installation Department)			<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	
5	Aging hoses in emergency material warehouse	Scrap aging hoses, supplement with new ones	Chen XX (Safety Department)			<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	
6	Rusty interface + jammed valve stem of fire hydrant XS-003 in loading and unloading platform	Polish to remove rust + apply lubricating grease	Zhang XX (Equipment Department)			<input type="checkbox"/> Qualified <input type="checkbox"/> Unqualified	

XI. Signature Confirmation (Hierarchical Signature in New Format, Clarifying Rights and Responsibilities)

Role	Signature	Date	Opinion (Compliance / Rectification Commitment)
Inspectors			"The inspection data in this report is true, the problem description is accurate, and the rectification measures are feasible"
Fire Responsible Person (Safety Department)			"Will track the rectification progress to ensure 100% closure of 7 problems, and review the facility integrity rate monthly"
Department Heads (Warehouse / Equipment / Installation)			"Commit to completing the problems in this department within the rectification time limit (e.g., passage cleaning by Warehouse Department, emergency light maintenance by Equipment Department), and accept assessment"
Company Leadership			"Agree with the inspection conclusions and improvement recommendations, require the Safety Department to take the lead in implementation, and report fire

			management effectiveness quarterly"
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XII. Record Instructions (Required by New Format, Regulating Archiving and Management)

1. This record shall be uniformly archived by the Quality, Safety and Environmental Protection Department, with a retention period of not less than 3 years; after rectification completion, "before-and-after rectification comparison photos" and "verification test records" shall be supplemented as attachments;
2. Before the 5th of each month, the Safety Department shall count the fire facility inspection qualification rate of the previous month, analyze the causes of unqualified items (e.g., facility aging, management negligence), and form the *Monthly Fire Management Report*;
3. This record shall not be altered or forged; any modification shall be signed at the modification place and the date noted; when equipment is transferred or scrapped, the facility ledger shall be updated synchronously and records archived;
4. For major fire hazards (e.g., blocked passages, expired fire extinguishers) not rectified in a timely manner, the person in charge of the responsible department shall be fined 2,000-5,000 yuan in accordance with the *Company Safety Assessment System*.

Preparation Date: January 1, 2025