

Attachment Table in Article 15-1

Attachment Table 1-1 - Amendment Requirements

List of Construction Specifications for Used Compartments at General Processing Sites									
Construction Specifications for Used Building Compartments	Types of Process and Process Quantity	Spray painting, paint coating, and printing process areas that use Class 2 or Class 4 public hazardous materials (excluding special flammable materials) where the quantity processed is less than 30 times the control quantity	Cleaning process areas that use Class 4 public hazardous materials at a flash point above 40°C where the quantity processed is less than 30 times the control quantity	Quench process areas that use Class 4 public hazardous materials at a flash point above 70°C where the quantity processed is less than 30 times the control quantity	Boiler equipment areas that use Class 4 public hazardous materials at a flash point above 40°C where the quantity processed is less than 30 times the control quantity	Hydraulic equipment areas that use high flash point materials with operating temperatures less than 100°C where the quantity processed is less than fifty times the control quantity		Cutting and grinding equipment areas that use high flash point materials with operating temperatures less than 100°C where the quantity processed is less than 30 times the control quantity	Heat medium oil circulation equipment areas that use high flash point materials where the quantity processed is less than 30 times the control quantity
	Select either installation								
The walls, beams, pillars, floors, and roofs of the compartment (or upper floors where an upper floor is present) shall be of fireproof construction. No opening other than the access shall be provided, and shall be separated from other parts of the building by walls and floors with 1 hour and more fire rate.	○	○							
The walls, beams, pillars and floors of the compartment shall be of fireproof construction. If there is an upper floor present, the floor shall be constructed of fireproof material. In the absence of an upper floor, the roof of the building shall be constructed of non-flammable materials. No opening other than the access shall be provided, and shall be separated from other parts of the building by walls and floors with 1 hour and more fire rate				○	○				○
The walls, beams, pillars and floors of the compartment shall be of fireproof construction. If there is an upper floor present, the floor shall be constructed of fireproof material. In the absence of an upper floor, the roof of the building shall be constructed of non-flammable materials.						○		○	
The place shall be located in a single floor building. The walls, beams, pillars, floors and roofs used in the building shall be constructed of non-flammable materials. The walls, beams, pillars, and floors of the compartment shall be constructed of non-flammable materials. No opening other than the access shall be provided to exterior walls that present risks.							○		
The compartment shall not be provided with windows. Fire doors with 1 hour and more fire rate shall be provided at access. Access to exterior walls that present risks of fire spreading, walls other than that part, and access partitioning different areas shall be provided with constantly closed fire	○	○		○	○	○		○	○

doors with 1 hour and more fire rate.								
The compartment with windows and access shall be provided with fire doors and windows with 30 minutes and more fire rate. Access to exterior walls that present risks of fire spreading shall be provided with normally closed fire doors with 1 hour and more fire rate.						○		
<p>1. “○”indicates the item to comply with. For example, “Spray painting, paint coating, and printing process areas that use Class 2 or Class 4 public hazardous materials (excluding special flammable materials) where the quantity processed is less than 30 times the control quantity” is considered as a general processing area and shall comply with these regulations: “The walls, beams, pillars, floors, and roofs of the compartment (or upper floors where an upper floor is present) shall be of fireproof construction. No opening other than the access shall be provided, and shall be separated from other parts of the building by walls and floors with 1 hour and more fire rate”; and “The compartment shall not be provided with windows. Fire doors of minimum one-hour fire rating shall be provided at access. Access to exterior walls that present risks of fire spreading, walls other than that part, and access partitioning different areas shall be provided with constantly closed fire doors with 1 hour and more fire rate.”</p> <p>2. Processes conducted at the processing sites are explained as follows:</p> <p>(1) Spray painting, paint coating, and printing processes: Engage in spray painting, coating, and printing processes.</p> <p>(2) Cleaning process: Blowing off, soaking, and stirring with public hazardous materials. In general, the cleaned materials are solid and non-public hazardous materials.</p> <p>(3) Quench process: A method for increasing fatigue and wear resistance of steel products. Oil, gas or electricity is usually used as the heat source of boiler to cool hazardous materials.</p> <p>(4) Boiler equipment: Equipment used to produce steam, hot water or other working substances from the consumption of public hazardous materials.</p> <p>(5) Hydraulic equipment: Equipment that uses public hazardous materials to provide pressure, flow or lubrication for large mechanical bearings or working machinery.</p> <p>(6) Cutting and grinding equipment: Applies public hazardous materials onto workpieces where cutting and grinding operations are carried out on lathes, drilling machines, milling machines, grinding machines and so forth.</p> <p>(7) Heat medium oil circulation equipment: Equipment that uses public hazardous materials as medium to provide heat source after heating.</p>								