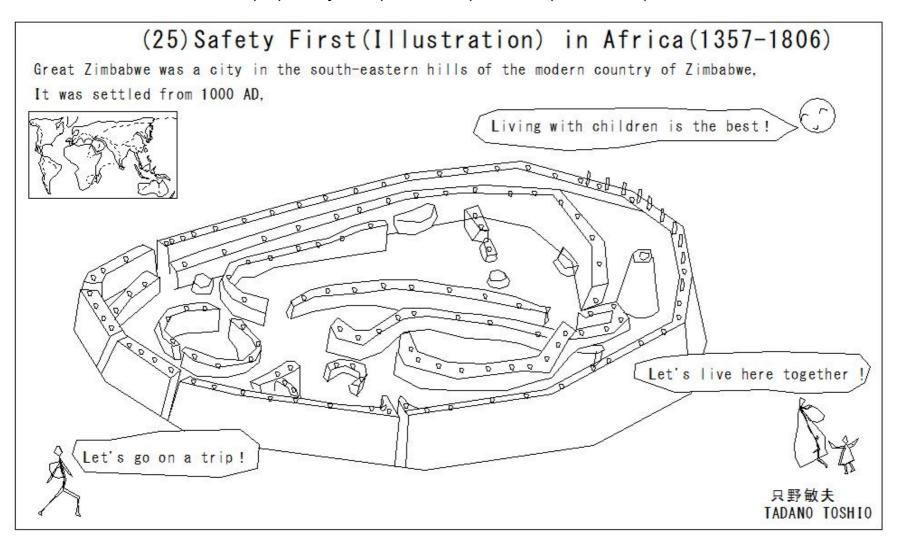
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(S1462) Protective Equipment	Protective Equipment
(S1463) Protective Equipment	Protective Equipment
(S1402) Protective Helmet	Protective Helmet
(S1403) Protective Helmet	Protective Helmet
(S1404) Protective Helmet	Protective Helmet
(S1405) Protective Helmet	Protective Helmet
(S1406) Protective Helmet	Protective Helmet
(S1407) Protective Helmet	Protective Helmet
(S1408) Protective Helmet	Protective Helmet
(S1409) Protective Helmet	Protective Helmet
(S1410) Protective Helmet	Protective Helmet
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(S1373) Safety belt	Safety belt
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(S1375) Safety belt	Safety belt
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(S1392) Safety belt	Safety belt
(S1393) Safety belt	Safety belt
(S1394) Safety belt	Safety belt

(S1760) S	Safety	terminology
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(S1793) S	Safety	terminology

Safety terminology Safety terminology

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(S1698) Signals

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(S1802) Weather definition

(S1803) Weather definition

(S1804) Weather definition

(S1805) Weather definition

(S1806) Weather definition

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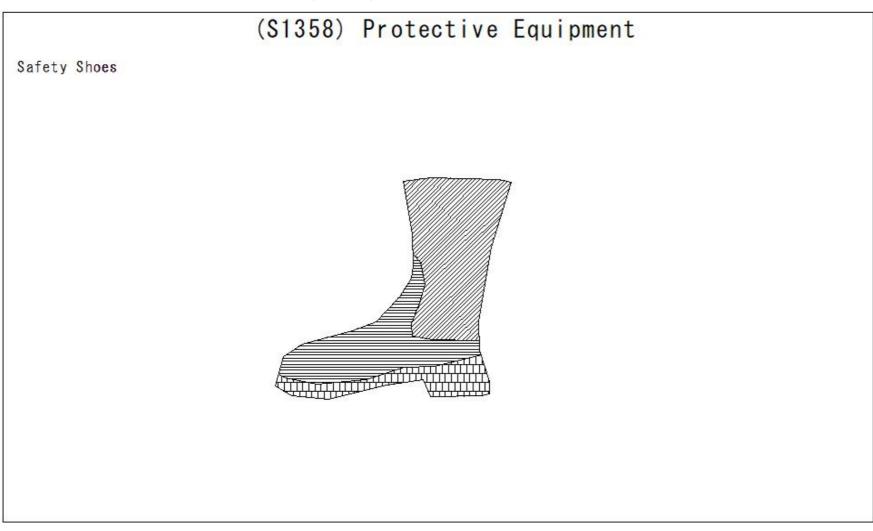
(S1357) Protective Equipment

(S1357) Protective Equipment

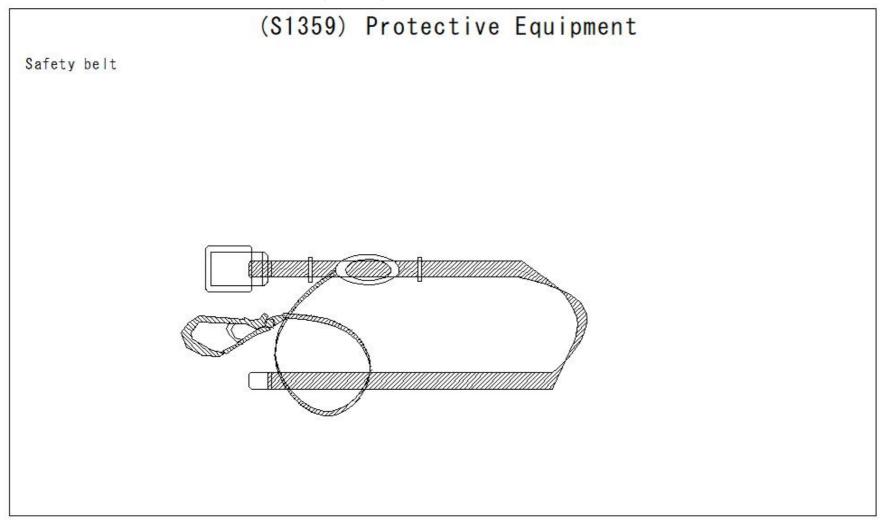
Wearing a protective hat



(S1358) Protective Equipment



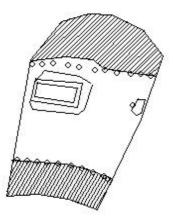
(S1359) Protective Equipment



(S1360) Protective Equipment

(S1360) Protective Equipment

Arc welding light shield



(S1361) Protective Equipment

(S1361) Protective Equipment Arc Welding Gloves

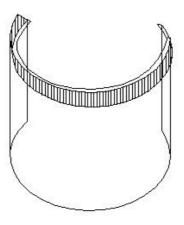
(S1362) Protective Equipment

(\$1362) Protective Equipment Dustproof Goggles

(S1363) Protective Equipment

(S1363) Protective Equipment

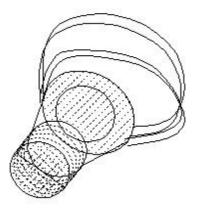
Dustproof goggles (face type)



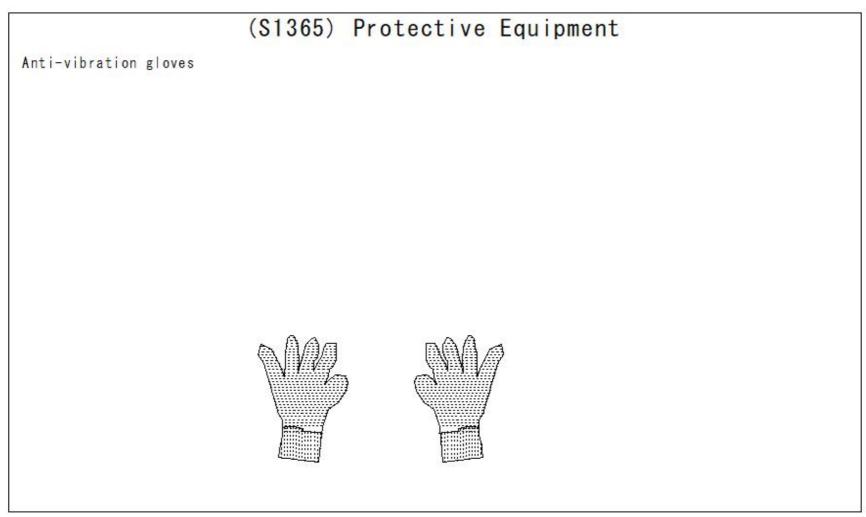
(S1364) Protective Equipment

(S1364) Protective Equipment

Respiratory protection equipment with electric fan



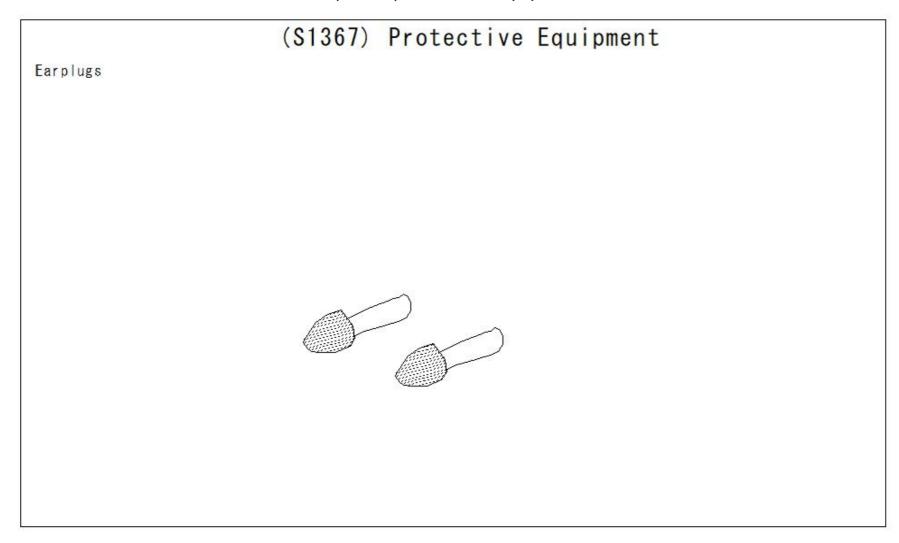
(S1365) Protective Equipment



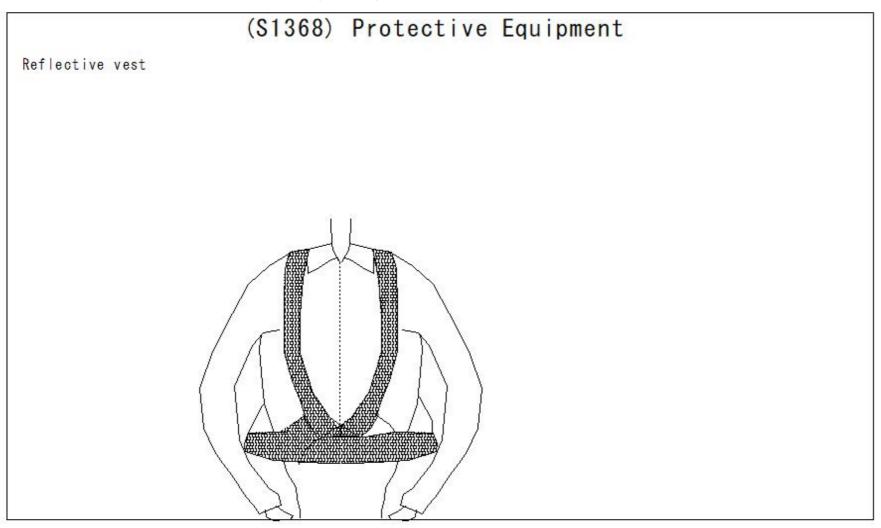
(S1366) Protective Equipment

(S1366) Protective Equipment Dustproof mask

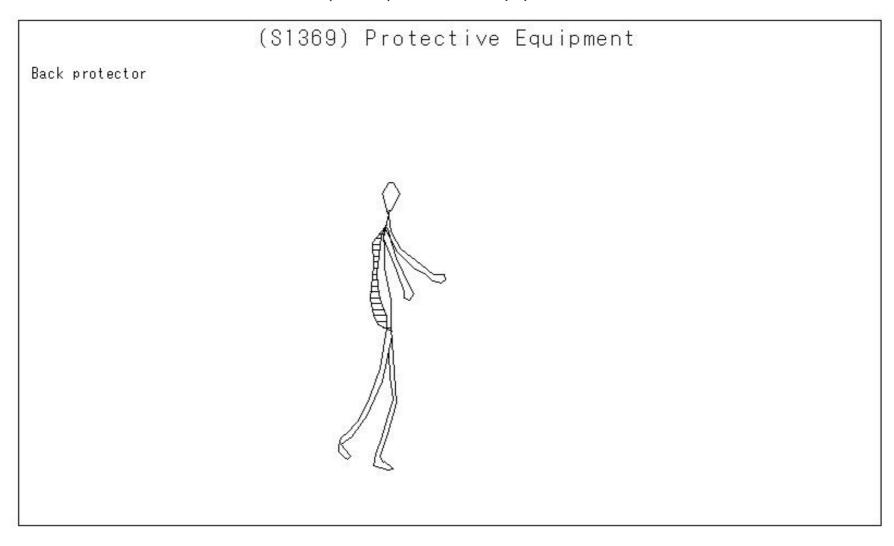
(S1367) Protective Equipment



(S1368) Protective Equipment



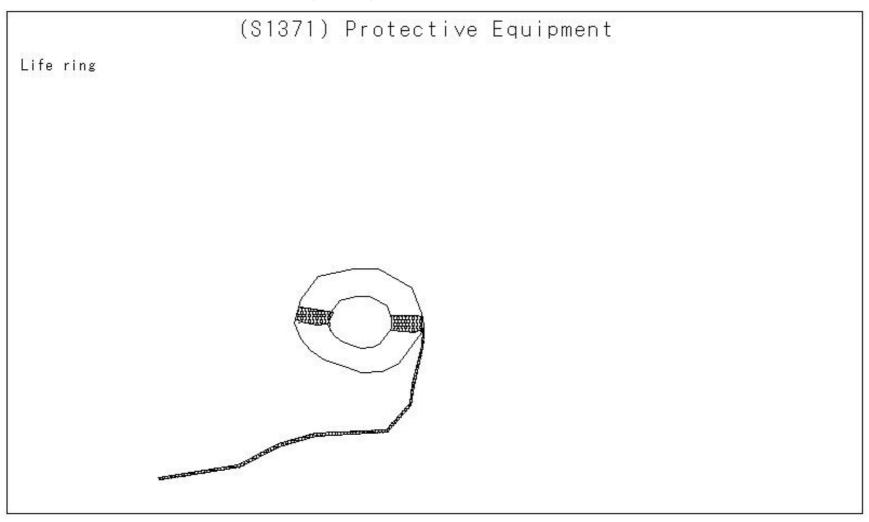
(S1369) Protective Equipment



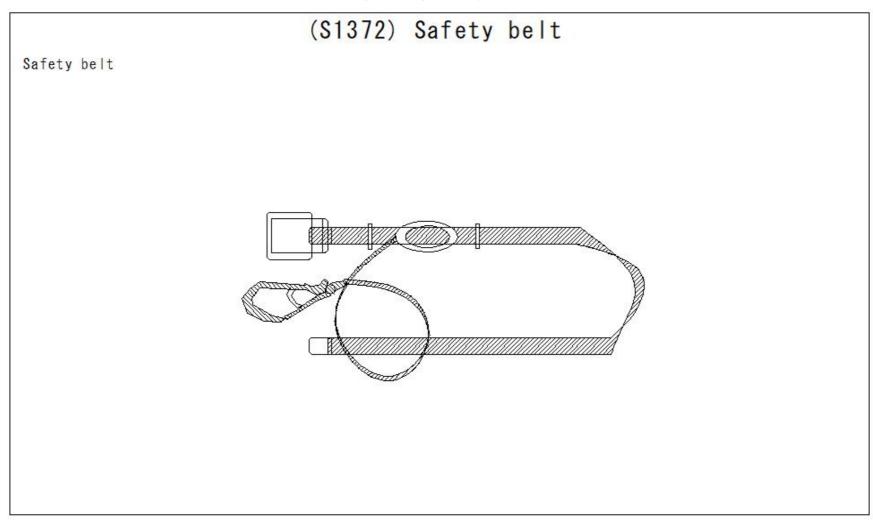
(S1370) Protective Equipment

(S1370) Protective Equipment Life jacket

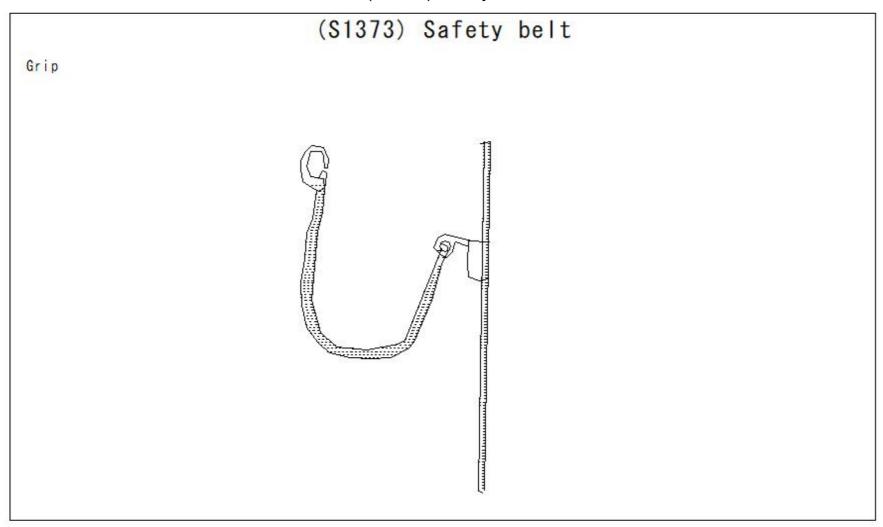
(S1371) Protective Equipment



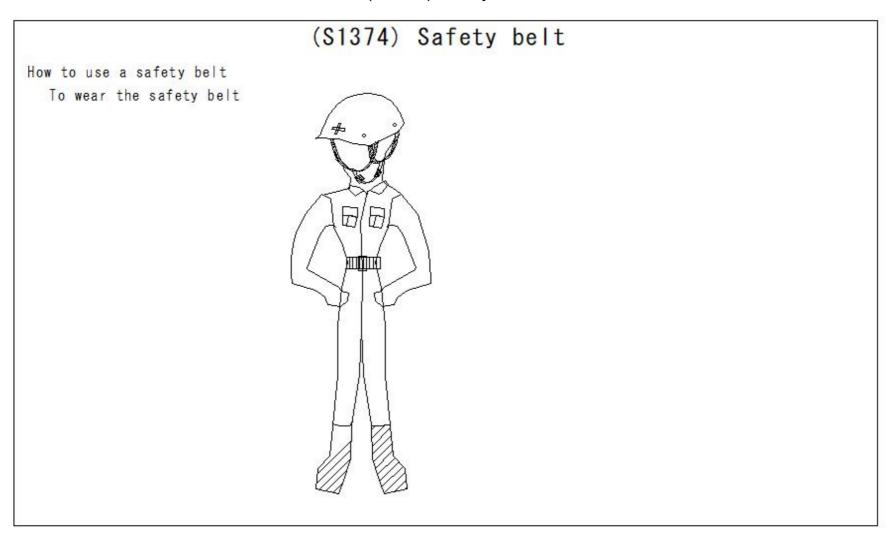
(S1372) Safety belt



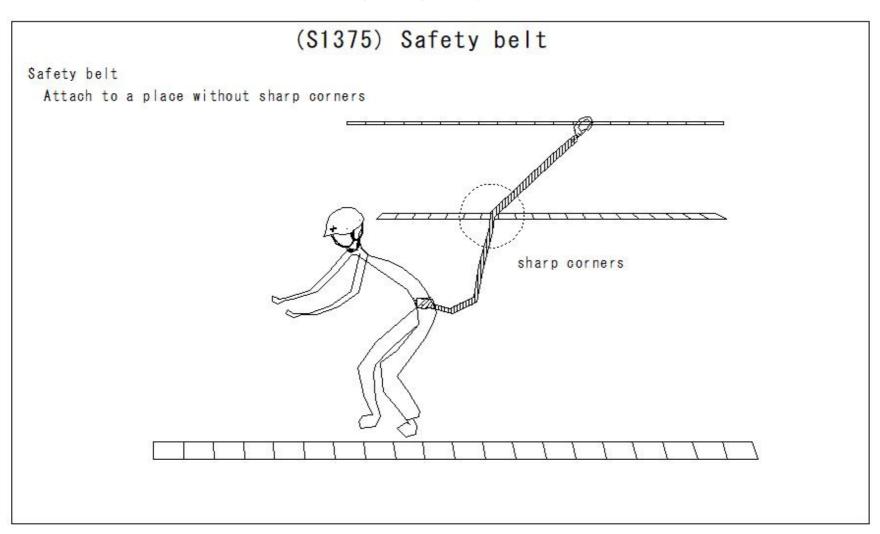
(S1373) Safety belt



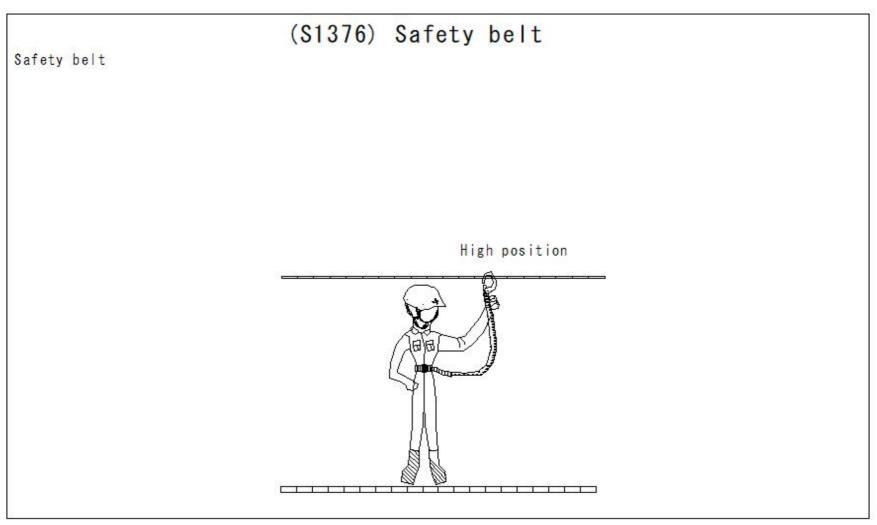
(S1374) Safety belt



(S1375) Safety belt



(S1376) Safety belt

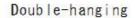


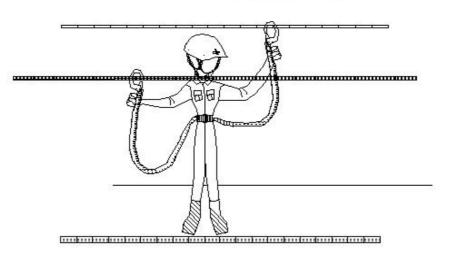
(S1377) Safety belt

(S1377) Safety belt

Safety belt

How to use a double-hanging safety belt





(S1378) Safety belt

(S1378) Safety belt

Safety belt

Types of safety belts

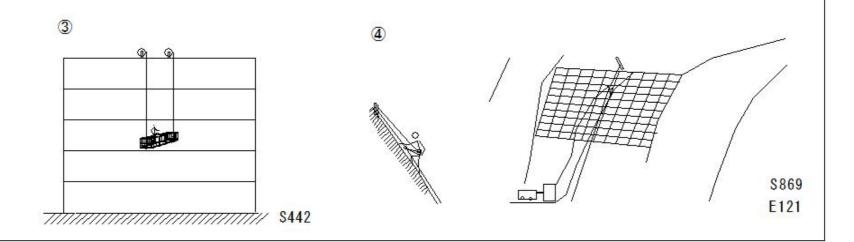
- ① Waist belt type safety belt: For single-line suspension only For general work at height
- 2 Harness type safety belt: For single-line suspension
- 3 Waist belt type safety belt: For vertical surfaces
- 4 Waist belt type safety belt: For inclined surfaces

Applications

Full-body harness type safety belt

For cleaning work on the outside of buildings, etc.

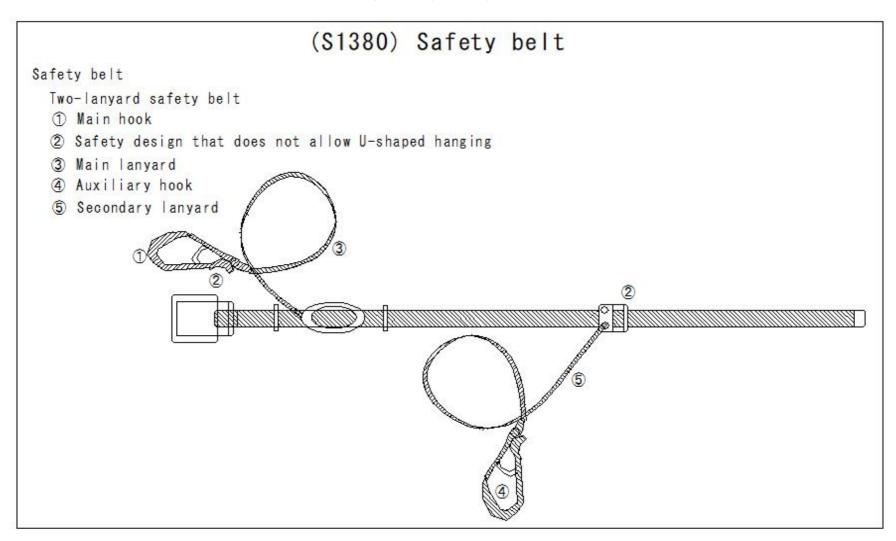
For slopes such as slopes



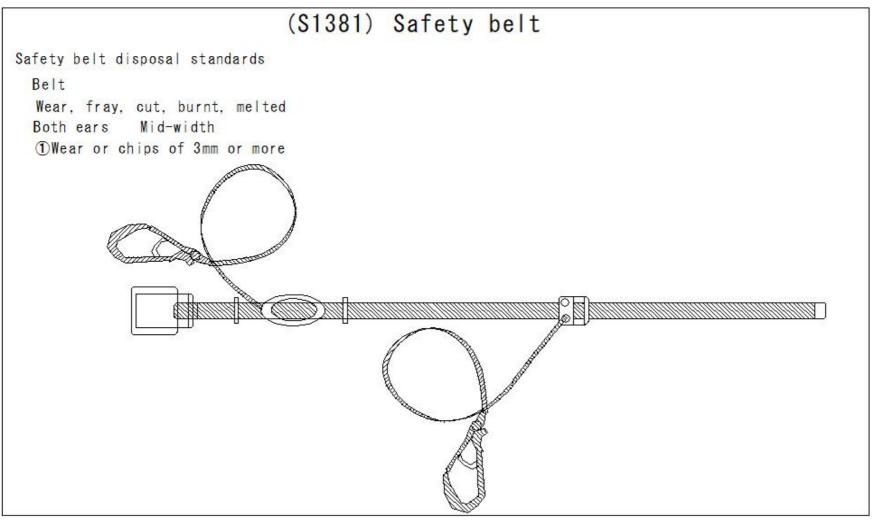
(S1379) Safety belt

(S1379) Safety belt Safety belt O Expiration date of safety belt: 2 years for ropes, lanyards, and straps, 3 years for other items Full harness type safety belt 1 Harness 2 Lanyard 3 Attaching the hook ④ D-ring ⑤ Buckle

(S1380) Safety belt



(S1381) Safety belt



(S1382) Safety belt

(S1382) Safety belt

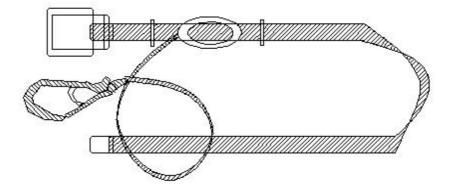
Safety belt disposal standards

Belt

Wear, fray, cut, burnt, melted

Both ears Mid-width

②Worn or chipped more than 3mm



(S1383) Safety belt

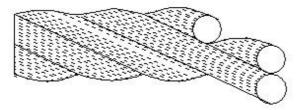
(S1383) Safety belt

Safety belt disposal standards

Ropes and straps

Wear, fray, outs, burns, melting

3 Three-strand rope

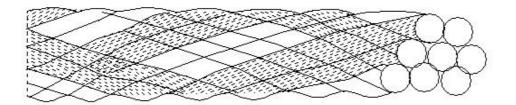


(S1384) Safety belt

(S1384) Safety belt

Safety belt disposal standards
Ropes and straps
Wear, fray, cuts, burns, melting

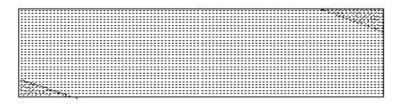
4 Eight-strand rope



(S1385) Safety belt

(S1385) Safety belt

Safety belt disposal standards Ropes and straps Wear, fray, cuts, burns, melting (5) Straps



(S1386) Safety belt

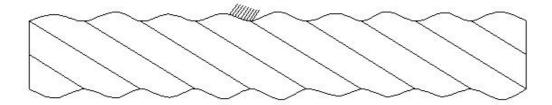
(S1386) Safety belt

Safety belt disposal standards

Ropes and straps

Wear, fray, cuts, burns, melting

6 More than 7 yarns cut in one rope



(S1387) Safety belt

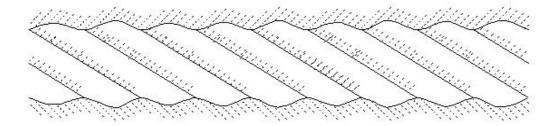
(S1387) Safety belt

Safety belt disposal standards

Ropes and straps

Wear, fray, cuts, burns, melting

②External yarns and those worn down by 7 or more yarns

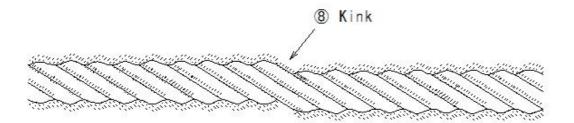


(S1388) Safety belt

(S1388) Safety belt

Safety belt disposal standards Ropes and straps Wear, fray, cuts, burns, melting

8 Kinked or deformed by 7 or more yarns



(S1389) Safety belt

(S1389) Safety belt

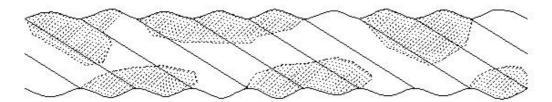
Safety belt disposal standards

Ropes and straps

Wear, fray, cuts, burns, melting

Items that have softened due to paint adhering to them, or that have become discolored due to chemicals adhering to them

9 paint or chemicals



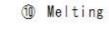
(S1390) Safety belt

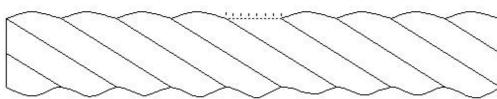
(S1390) Safety belt

Safety belt disposal standards Ropes and straps

Wear, fray, outs, burns, melting

10 Melting of 7 or more yarns





(S1391) Safety belt

(S1391) Safety belt

Safety belt disposal standards

Ropes and straps

Wear, fray, cuts, burns, melting

11) Anything with even one missing Satsuma weave

1 Satsuma weave



(S1392) Safety belt

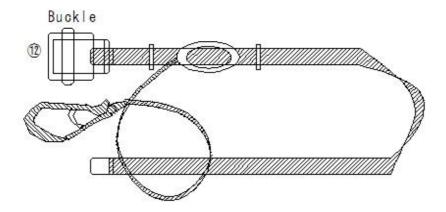
(S1392) Safety belt

Safety belt disposal standards

Buckle

Deformation

12 Deformed and not tight enough



(S1393) Safety belt

(S1393) Safety belt

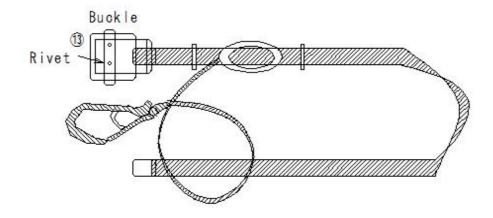
Safety belt disposal standards

Buckle

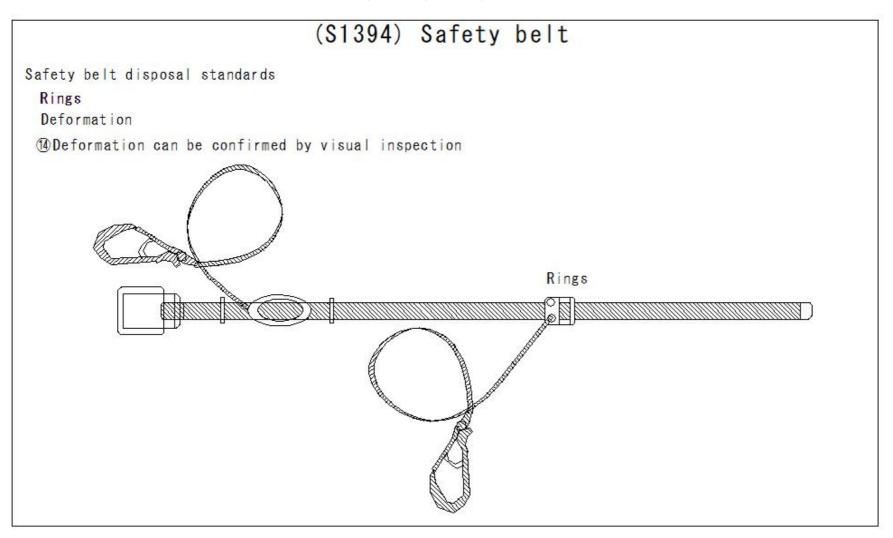
Wear and damage

③ Wear or damage of 1mm or more

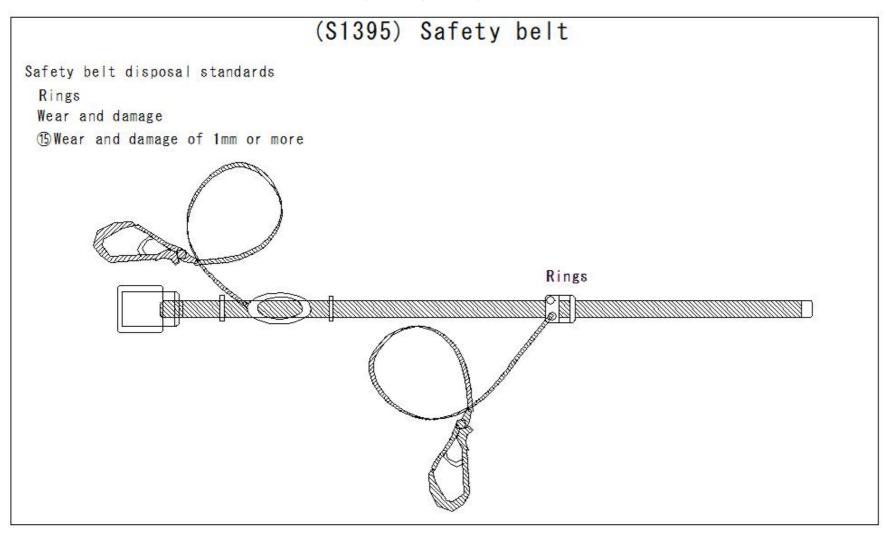
Rivet head worn down by 1/2 or more



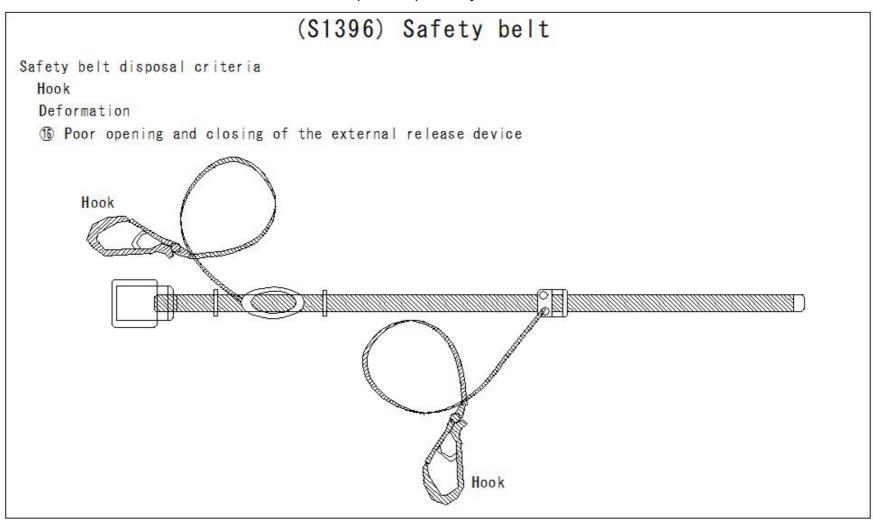
(S1394) Safety belt



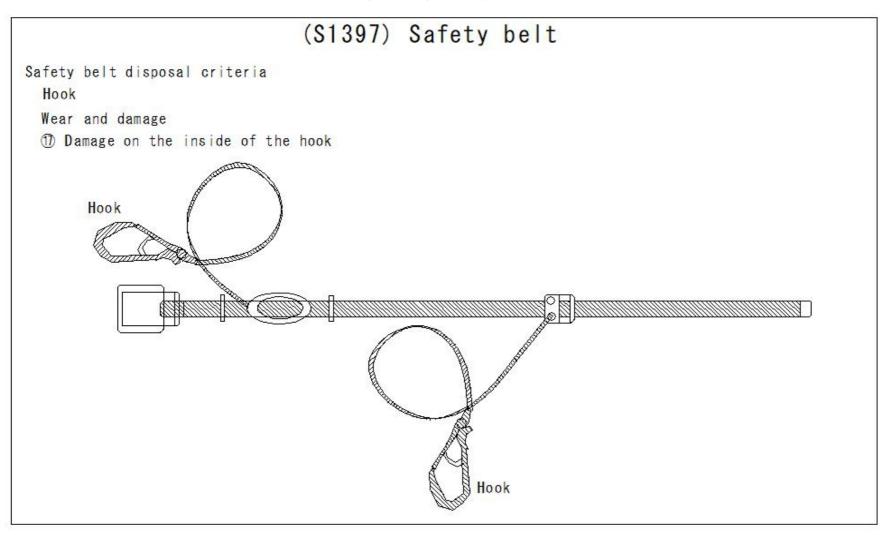
(S1395) Safety belt



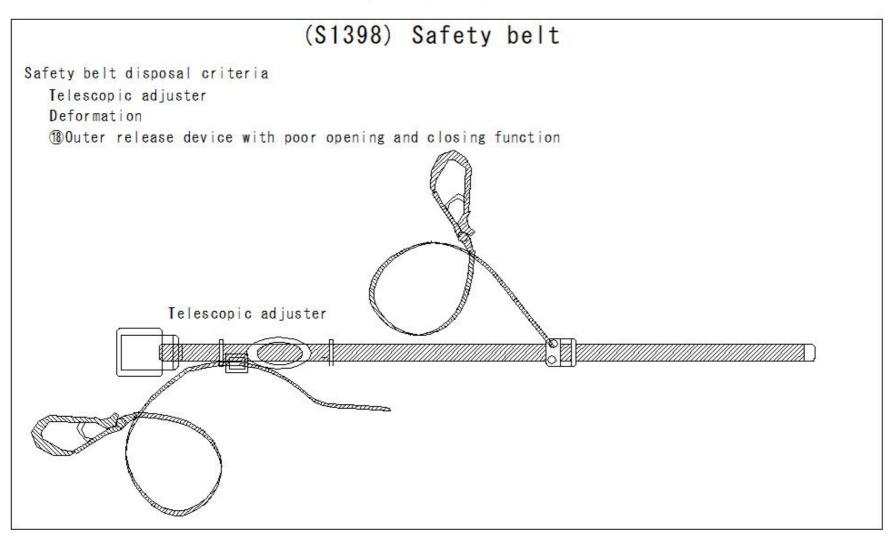
(S1396) Safety belt



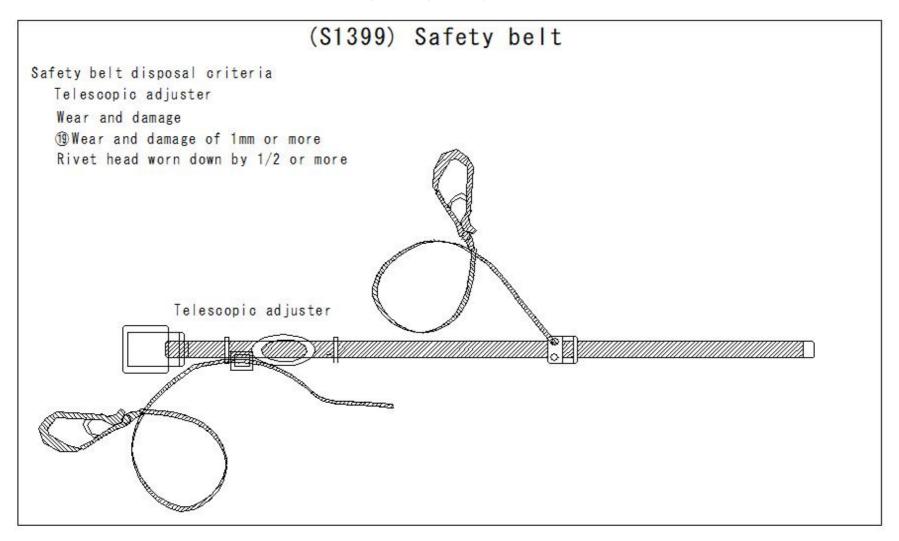
(S1397) Safety belt



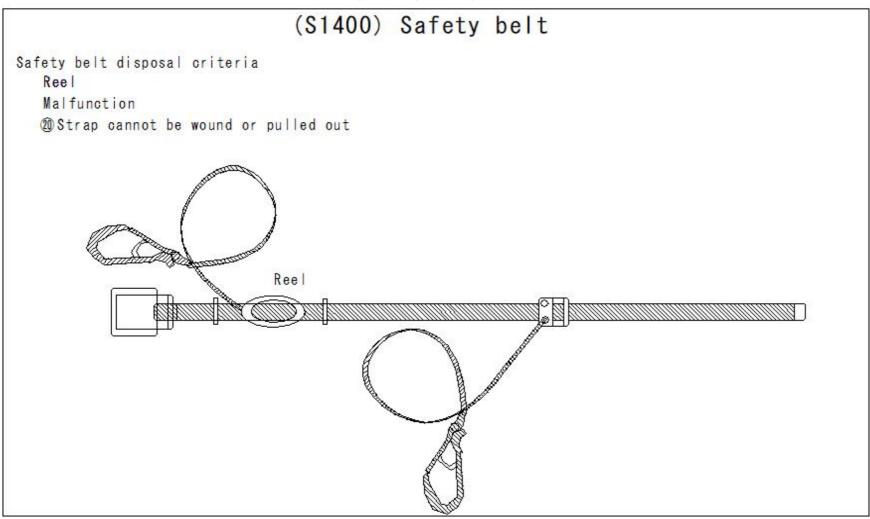
(S1398) Safety belt



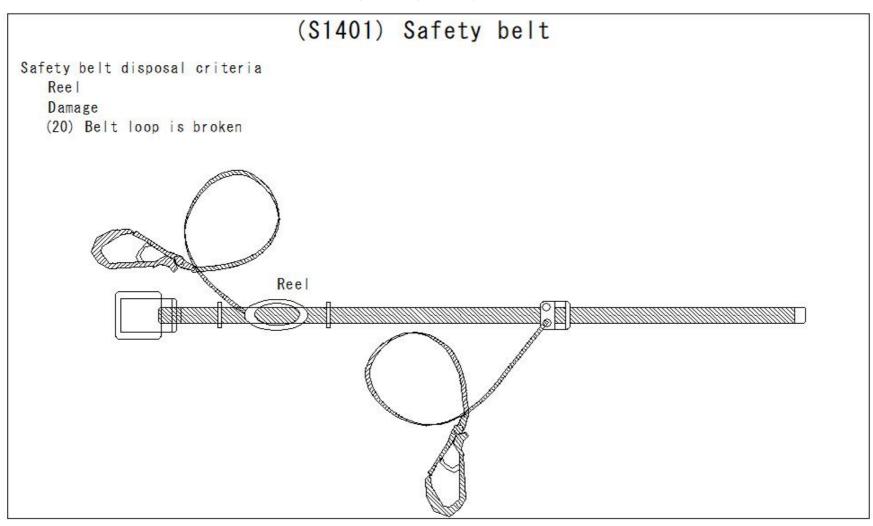
(S1399) Safety belt



(S1400) Safety belt



(S1401) Safety belt

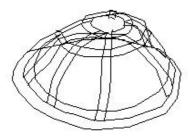


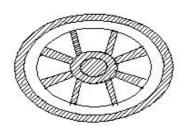
(S1402) Protective Helmet

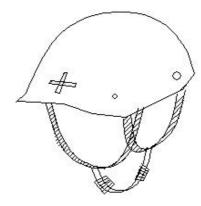
(S1402) Protective Helmet

Protective Helmet

- ①For flying and falling objects
- 2For protection in the event of a fall
- 3For electricity: Prevents electric shock to the head when used at voltages of 7,000V or less







(S1403) Protective Helmet

(S1403) Protective Helmet Protective Helmet 1 Hammock 2 Shock absorbing liner 3 Hat body A Ring strap (5) Headband 6 Chin strap

(S1404) Protective Helmet

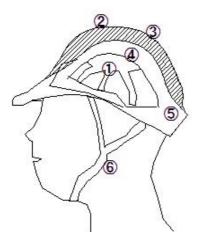
(S1404) Protective Helmet

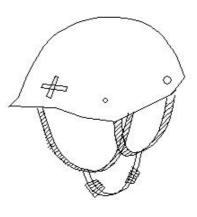
Protective Helmet

Construction Standards ("Standards for Protective Helmets")

- 1 Protective helmet to prevent falling objects: has a helmet body, a wearing body, and a chin strap
- 2 Headband: can be adjusted to fit the wearer's head.
- 3 The size of the loops on the wearing body cannot be adjusted.

- (1) Hammock
- 2Shock absorbing liner
- 3Hat body
- 4Ring strap
- **5**Headband
- 6Chin strap





(S1405) Protective Helmet

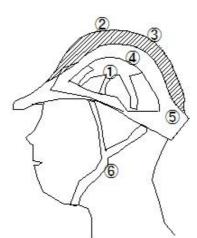
(S1405) Protective Helmet

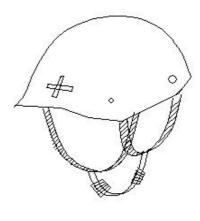
Protective Helmet

Construction Standards ("Standards for Protective Helmets")

- 1 Protective helmets to prevent the danger of falling
- 2 Have a helmet body, shock-absorbing liner, and chin strap
- 3 Rivets and other protrusions do not protrude more than 6 mm from the outer surface of the helmet body

- (1) Hammock
- 2 Shock absorbing liner
- 3 Hat body
- 4 Ring strap
- (5) Headband
- 6Chin strap





(S1406) Protective Helmet

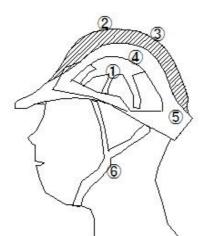
(S1406) Protective Helmet

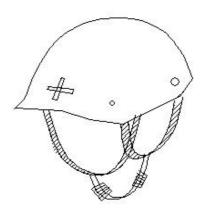
Protective Helmet

Construction Standards ("Standards for Protective Helmets")
Protective helmets shall display the following information in a conspicuous place

Manufacturer's name Date of manufacture

- 1 Hammock
- 2 Shock absorbing liner
- 3 Hat body
- 4Ring strap
- (5) Headband
- 6Chin strap





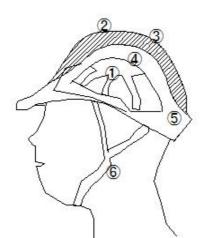
(S1407) Protective Helmet

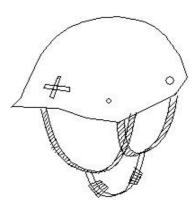
(S1407) Protective Helmet

Protective Helmet

Precautions for Use

- 2. Usage and Inspection
- ①Adjust the headband to fit the size of your head.
- 2Wear the protective helmet straight and deep, do not tilt it back.
- 3 Adjust the chin strap etc. correctly according to the instruction manual.
- 4 The useful life of protective helmets
- a) within 3 years even if no abnormality is found, for protective helmets made of thermoplastic resins,
- b) within 5 years for protective helmets made of thermosetting resins such as FRP
- c) We recommend replacing the wearing body within 1 year.
 - 1 Hammock
 - 2 Shock absorbing liner
 - 3 Hat body
 - 4 Ring strap
 - (5) Headband
 - 6 Chin strap





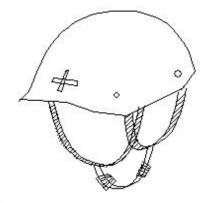
(S1408) Protective Helmet

(S1408) Protective Helmet

Protective Helmet

Protective Helmet Inspection Checkpoints

- 1 Those with chips or cracks on the edge
- 2 Those with signs of impact
- 3 Those with many scratches
- 4 Those with heavy dirt
- 5 Those with holes other than those made by the manufacturer
- Those with protruding glass fibers
- Those with cracks in the attachment area to the helmet
- Those with significant discoloration
- Those with deformations in the attachment area between the helmet body and the helmet
- n Those with damage, loss, etc.





②Shock absorbing liner

- 3 Hat body
- ARing strap
- (5) Headband
- 6 Chin strap

(S1409) Protective Helmet

(S1409) Protective Helmet

Protective Helmet

Protective helmet inspection checkpoints

Ollow to wear

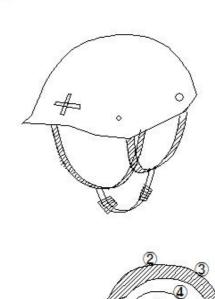
Wear the protective helmet straight and deep

OAdjusting the headband

Fit the headband securely

OChin strap

Tighten the chin strap securely



- **1** Hammock
- Shock absorbing liner
- 3 Hat body
- 4Ring strap
- 5 Headband
- 6Chin strap

(S1410) Protective Helmet

(S1410) Protective Helmet

1 Hammock

3 Hat body

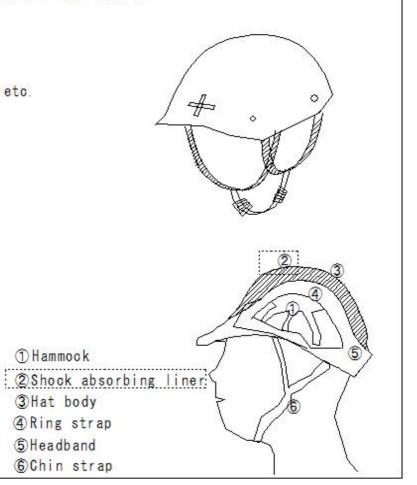
(5) Headband

Protective Helmet

Protective helmet inspection checkpoints

Impact absorbing liner

- 1 Those that have been deformed by heat, solvents, etc.
- 2 Those that are extremely dirty
- 3 Those with significant scratches or cracks



(S1411) Protective Equipment

(S1411) Protective Equipment

Duty to monitor the use of protective equipment

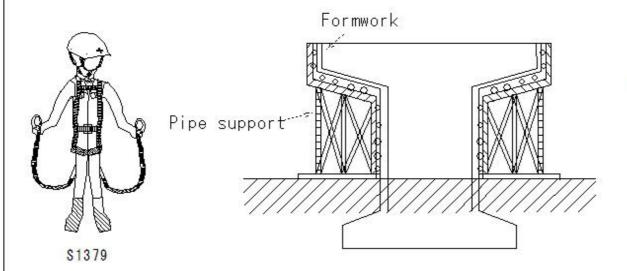
Duty to monitor the use of protective equipment (duties of the work chief and work director)

Article 247 of the Safety and Health Regulations

(duties of the work chief for assembling formwork supports, etc.)

Protective helmets and safety harnesses

Monitor the use of fall prevention equipment and protective helmets that meet required performance during work

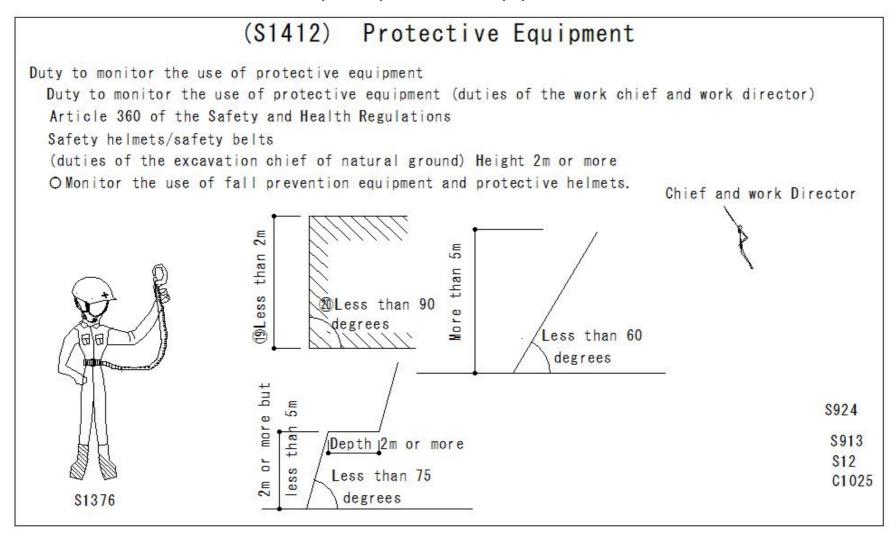


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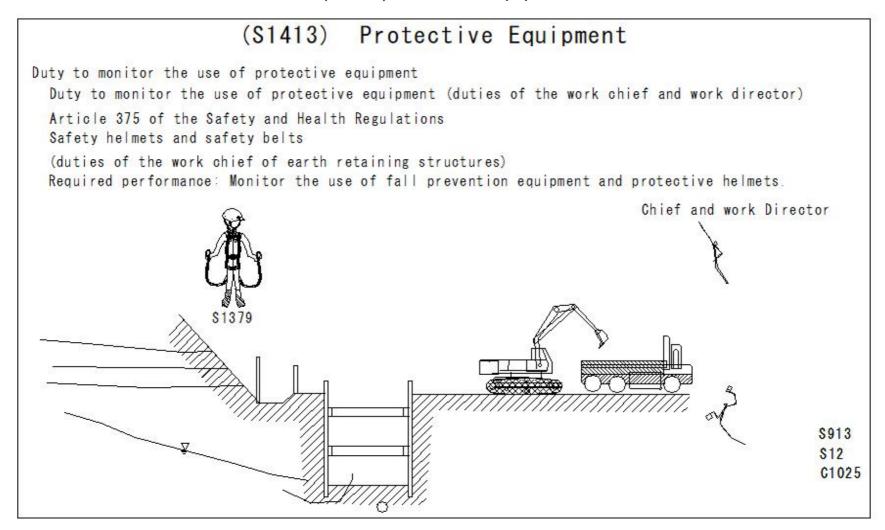
Chief and work Director

\$12 C1025

(S1412) Protective Equipment



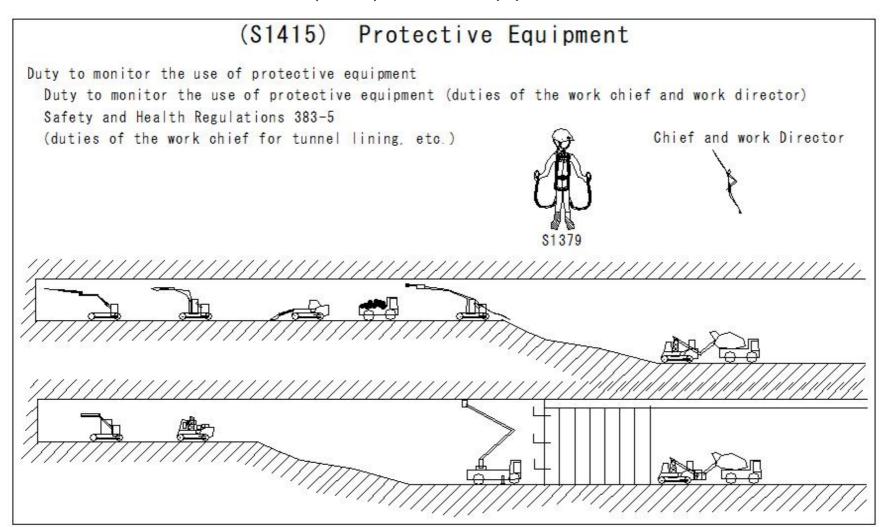
(S1413) Protective Equipment



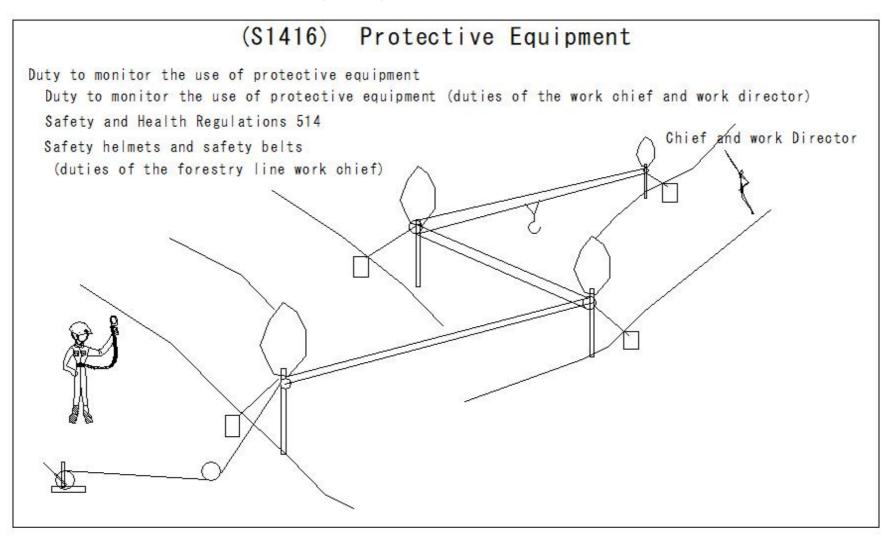
(S1414) Protective Equipment

(S1414) Protective Equipment Duty to monitor the use of protective equipment Duty to monitor the use of protective equipment (duties of the work chief and work director) Safety and Health Regulations 383-3 Chief and work Director Safety helmets and safety harnesses (duties of the work chief for excavating tunnels, etc.) \$1379

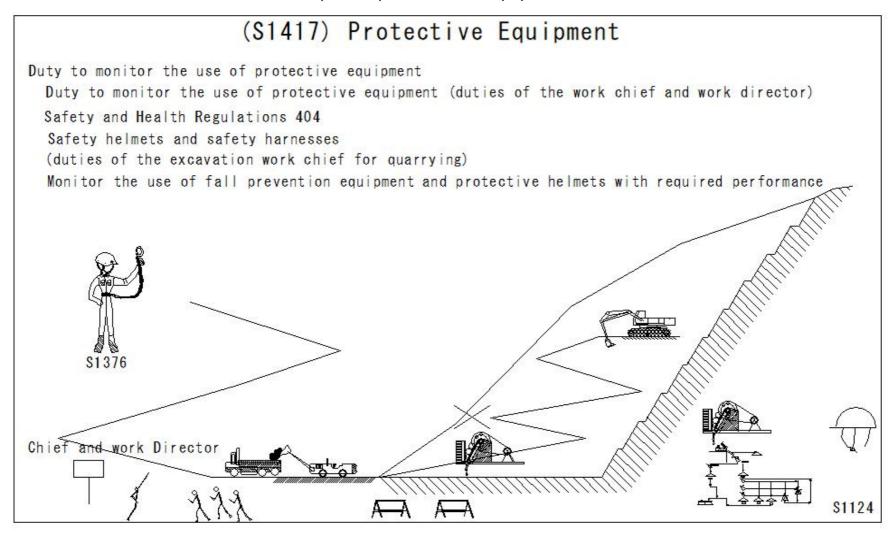
(S1415) Protective Equipment



(S1416) Protective Equipment



(S1417) Protective Equipment



(S1418) Protective Equipment

(S1418) Protective Equipment

Duty to monitor the use of protective equipment

Duty to monitor the use of protective equipment (duties of the work chief and work director)

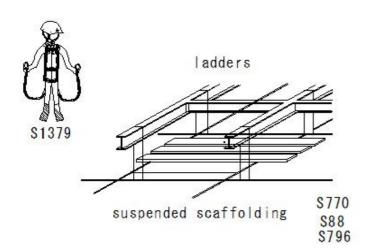
Safety and Health Regulations No. 566

Safety helmets and safety harnesses

(duties of the work chief for assembling suspended scaffolds and overhanging scaffolds, etc.)

Required performance: Monitor the use of fall prevention equipment and protective helmets.

Chief and work Director





Configuration of suspended scaffolding

(S1419) Protective Equipment

(S1419) Protective Equipment Duty to monitor the use of protective equipment Duty to monitor the use of protective equipment (duties of the work chief and work director) Safety and Health Regulations 517-5 Safety helmets and safety harnesses (duties of the work chief for assembling steel frames of buildings, etc.) O Required performance: Monitor the use of fall prevention equipment, etc. and protective helmets. Chief and work Director \$1379 · - o 1 O Demolition work, etc. Demolition work, etc M23 E229

F129

(S1420) Protective Equipment

(S1420) Protective Equipment

Duty to monitor the use of protective equipment

Duty to monitor the use of protective equipment (duties of the work chief and work director)

Safety and Health Regulations 517-13

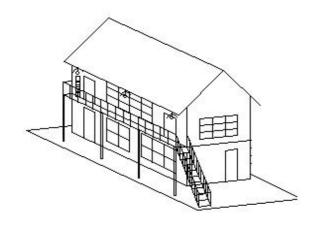
Safety helmets and safety harnesses

Assembling and dismantling wooden buildings 5m or higher

Chief and work Director





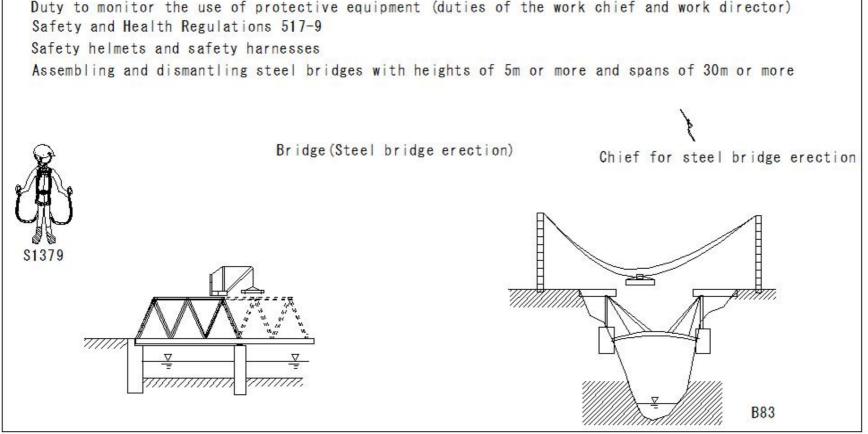


(S1421) Protective Equipment

(S1421) Protective Equipment

Duty to monitor the use of protective equipment

Duty to monitor the use of protective equipment (duties of the work chief and work director)



(S1422) Protective Equipment

(S1422) Protective Equipment

Duty to monitor the use of protective equipment

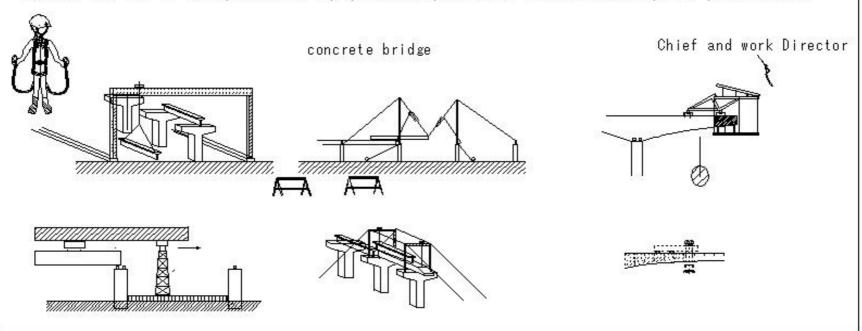
Duty to monitor the use of protective equipment (duties of the work chief and work director)

Safety and Health Regulations 517-23

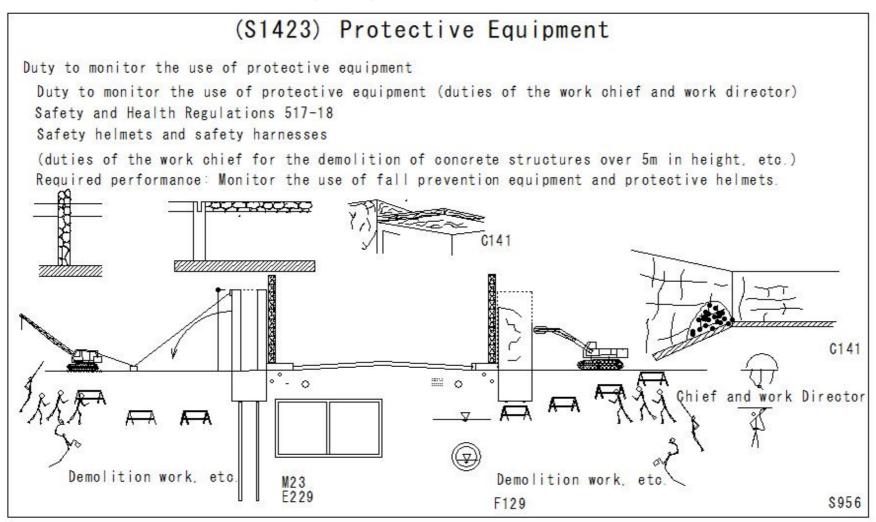
Safety helmets and safety harnesses

(duties of the work chief for concrete bridge construction, etc.)

Monitor the use of fall prevention equipment and protective helmets with required performance.



(S1423) Protective Equipment



(S1424) Protective Equipment

(S1424) Protective Equipment

Duty to monitor the use of protective equipment

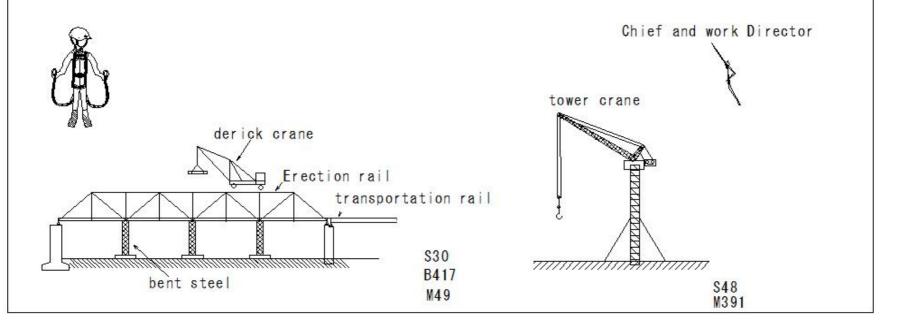
Duty to monitor the use of protective equipment (duties of the work chief and work director)

Crane Ordinance Articles 33, 118, 153, 191

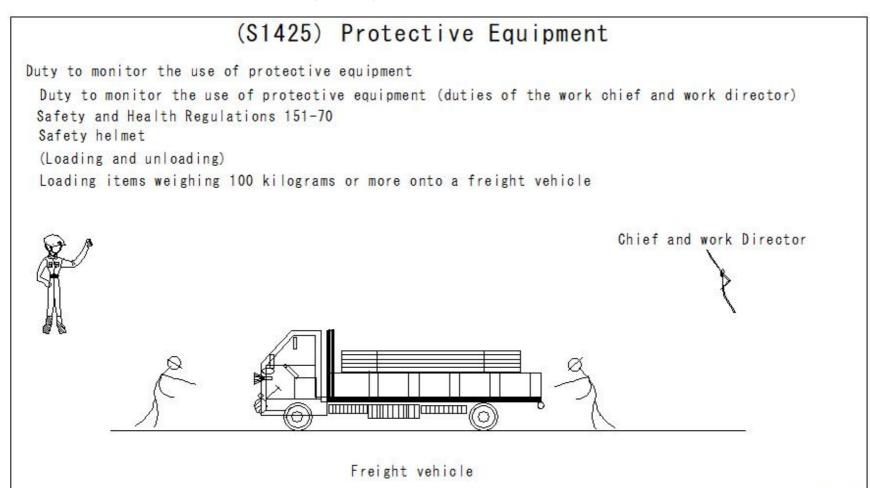
Safety helmets and safety harnesses

(assembly/disassembly of cranes, derricks, construction lifts, etc.)

Monitor the use of fall prevention equipment and protective helmets that meet required performance.



(S1425) Protective Equipment



(S1426) Protective Equipment

(S1426) Protective Equipment

Duty to monitor the use of protective equipment

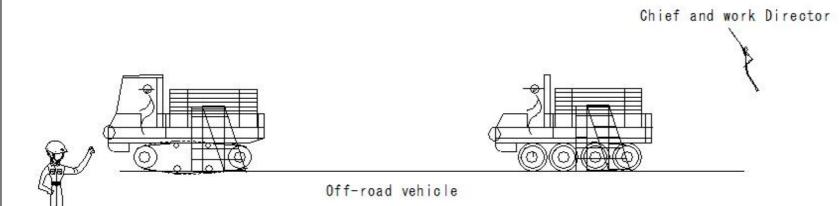
Duty to monitor the use of protective equipment (duties of the work chief and work director) Safety and Health Regulations 151-48

Safety helmets

(loading/unloading)

Work involving loading items weighing 100 kg or more onto an off-road vehicle (including tying ropes and covering with sheets).

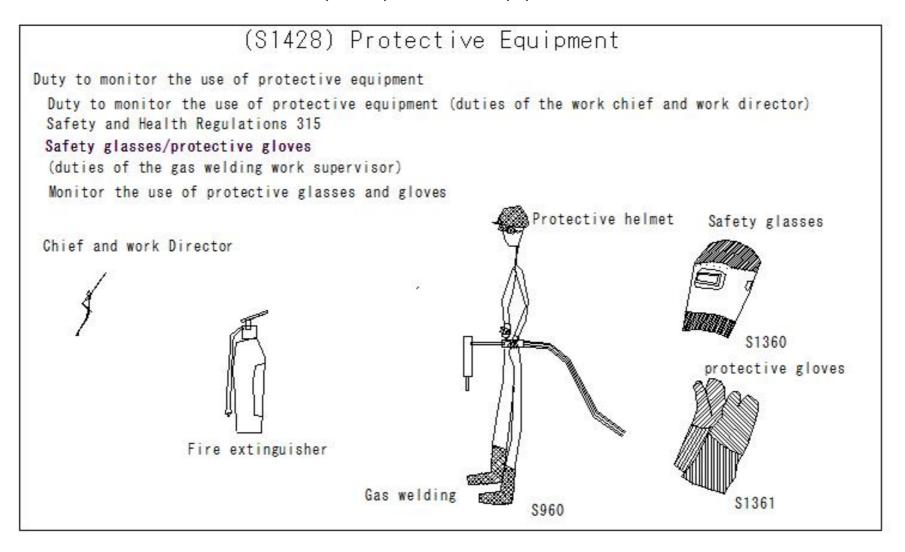
Monitor the use of equipment for ascending and descending and protective helmets.



(S1427) Protective Equipment

(S1427) Protective Equipment Duty to monitor the use of protective equipment Duty to monitor the use of protective equipment (duties of the work chief and work director) Safety and Health Regulations 429 Safety helmets Duties of the work chief for heights of 2m or more Monitor the use of equipment for ascending and descending and protective helmets. heights of 2m or more Chief and work Director

(S1428) Protective Equipment



(S1429) Protective Equipment

(S1429) Protective Equipment

Duty to monitor the use of protective equipment

Duty to monitor the use of protective equipment (duties of the work chief and work director)

Organic Solvent Law 19-2

Protective Equipment

(duties of the organic solvent work supervisor)

In case of workers are engaged in organic solvent work, ensure that protective equipment is worn.

Chief and work Director



Widely used in painting, cleaning, printing, and other tasks



painting, Q

Organic compounds that have the ability to dissolve other substances
Organic solvents
\$1229

(S1430) Protective Equipment

(S1430) Protective Equipment

Duty to monitor the use of protective equipment

Duty to monitor the use of protective equipment (duties of the work chief and work director)

Special Law 28

Protective equipment

(duties of the work chief of specific chemical substances)

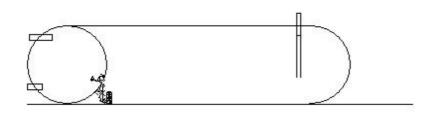
Confirmation of special organic solvent work and wearing of protective equipment inside the tank.

Chief and work Director



Specific Chemical Substances

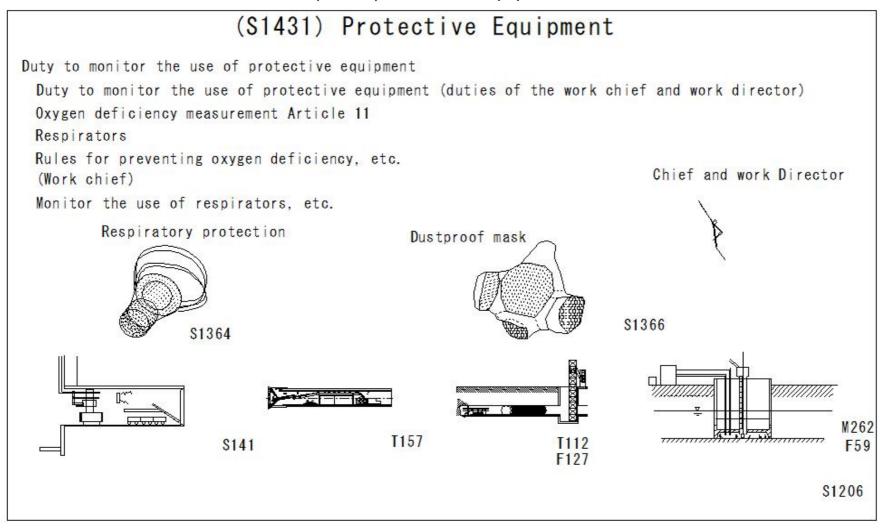




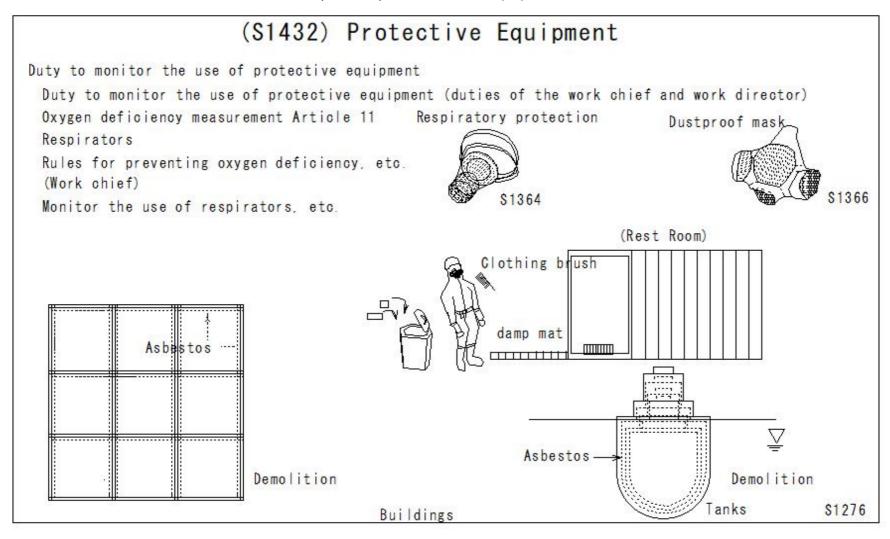
\$1229

Widely used in painting, cleaning, printing, and other tasks

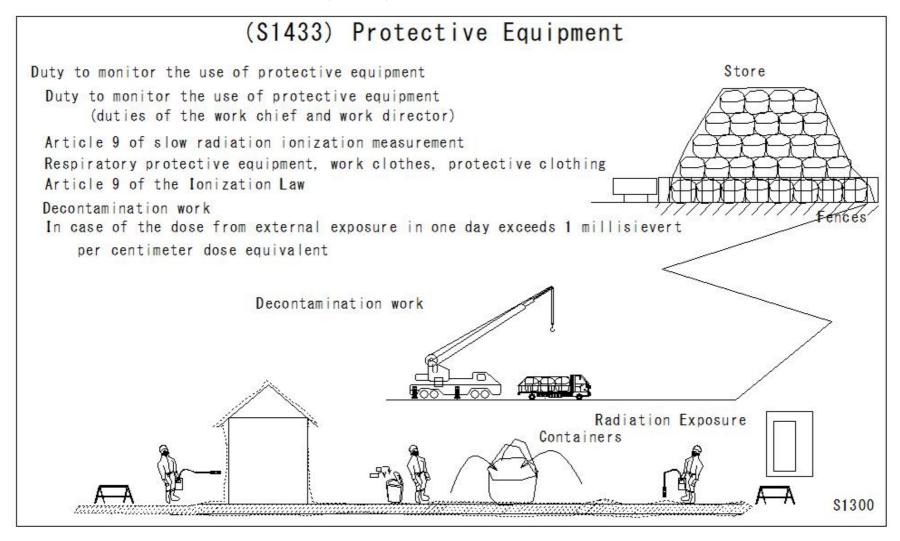
(S1431) Protective Equipment



(S1432) Protective Equipment



(S1433) Protective Equipment



(S1434) Protective Equipment

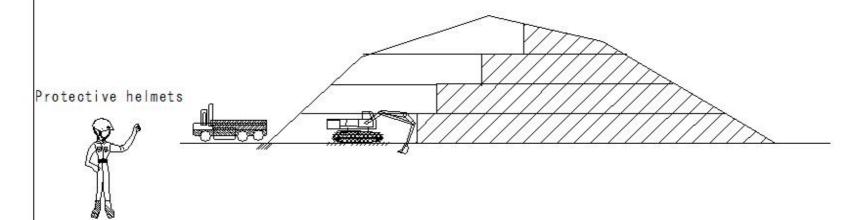
(S1434) Protective Equipment

Work requiring the wearing of protective equipment

Protective helmets

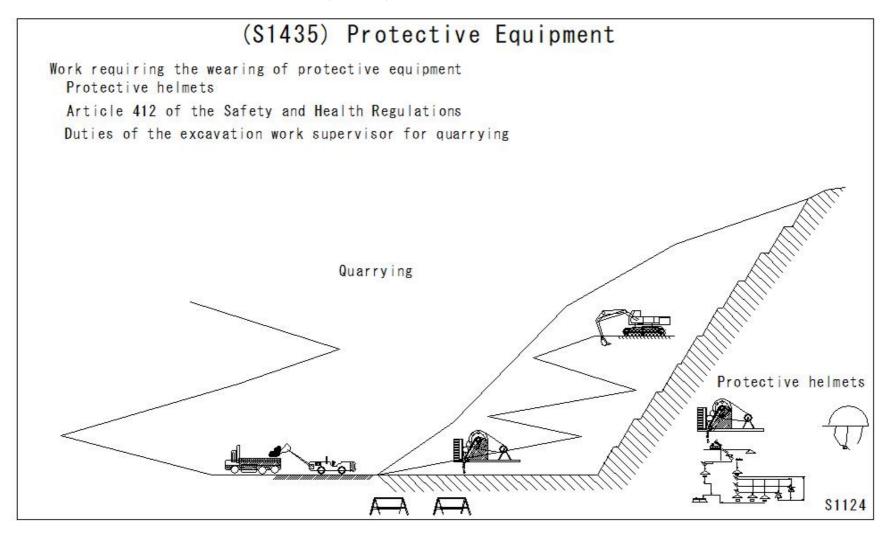
Article 366 of the Safety and Health Regulations

In case of performing light excavation work, workers are required to wear protective helmets to ensure their safety.



E353

(S1435) Protective Equipment



(S1436) Protective Equipment

(S1436) Protective Equipment

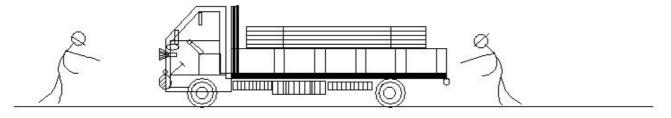
Work requiring the wearing of protective equipment

Protective helmets

Article 151, Paragraph 74 of the Industrial Safety and Health Ordinance Work involving loading cargo onto freight vehicles with a maximum load capacity of 5 tons or more (including tying ropes and placing sheets on cargo)

Protective helmets





Freight vehicle

\$1425 \$622

(S1437) Protective Equipment

(S1437) Protective Equipment

Work requiring the wearing of protective equipment

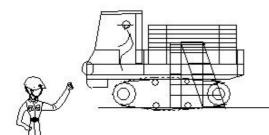
Protective helmets

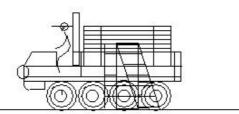
Article 151, No. 52 of the Safety and Health Regulations

This is a regulation concerning the loading and unloading of cargo on off-road vehicles.

Protective helmets







Off-road vehicle

\$1426

\$611

(S1438) Protective Equipment

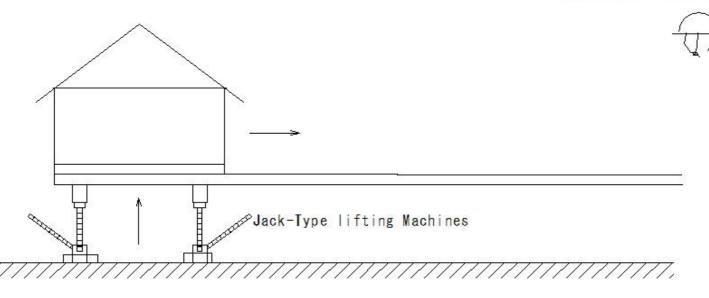
(S1438) Protective Equipment

Work requiring the wearing of protective equipment

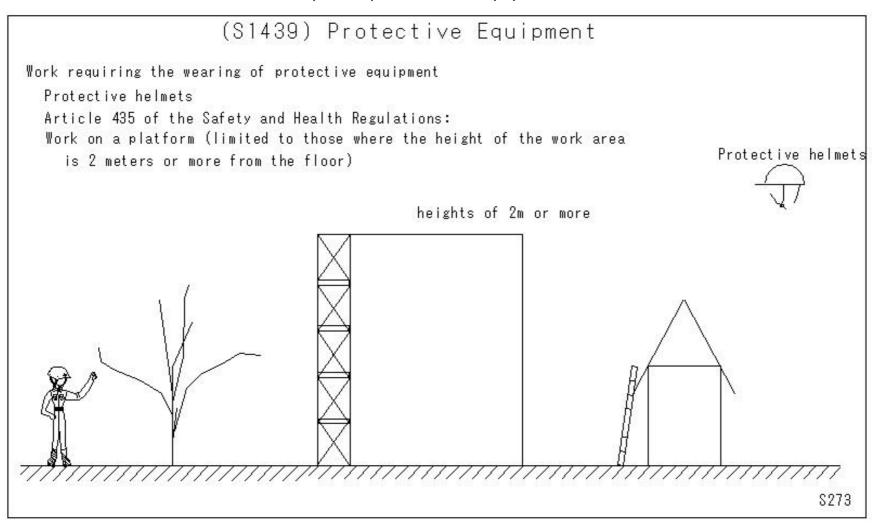
Protective helmets

Article 194, paragraph 7 of the Industrial Safety and Health Ordinance It is stipulated that workers must wear protective helmets when performing work using jack-type lifting machines in construction work.

Protective helmets



(S1439) Protective Equipment



(S1440) Protective Equipment

(S1440) Protective Equipment Work requiring the wearing of protective equipment Protective helmets Safety and Health Regulations, Article 517, 10 (Wearing protective helmets) In order to prevent workers from being exposed to danger from flying or falling objects, workers engaged in the work in question must wear protective helmets. falling from a tree falling objects falling from a ladder Protective helmets

(S1441) Protective Equipment

(S1441) Protective Equipment

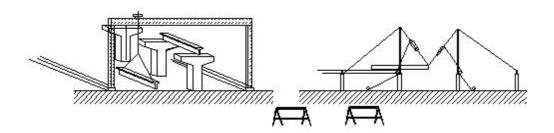
Work requiring the wearing of protective equipment Protective helmets

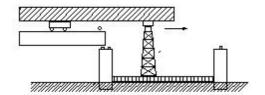
Article 517, Section 24 of the Safety and Health Regulations (Duties of the Work Supervisor for Concrete Bridge Construction, etc.)

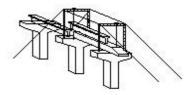
It is mandatory to wear protective helmets to prevent workers from being exposed

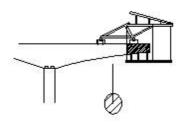
to flying or falling objects.

concrete bridge

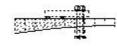




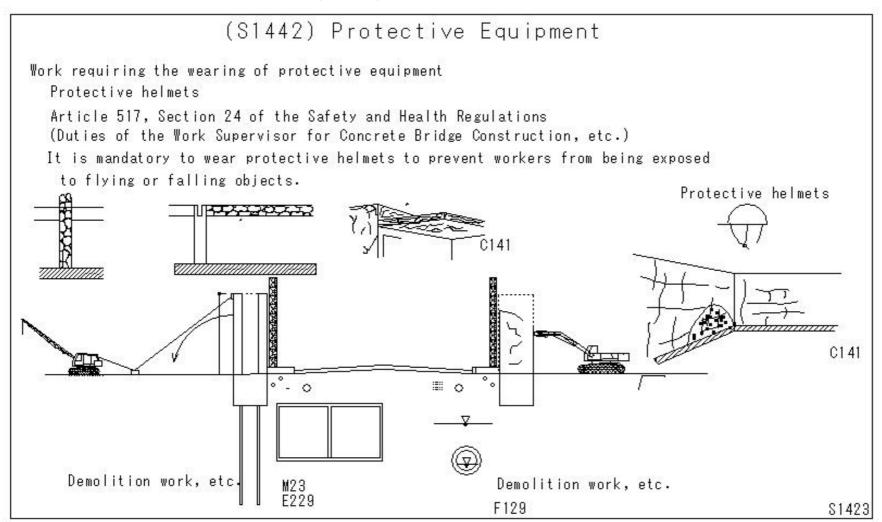




Protective helmets



(S1442) Protective Equipment



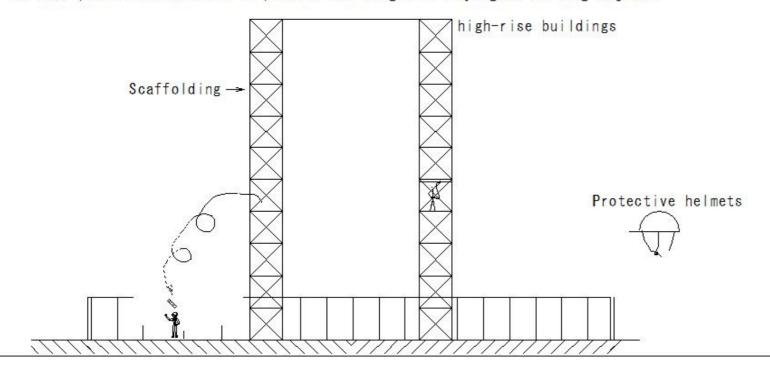
(S1443) Protective Equipment

(S1443) Protective Equipment

Work requiring the wearing of protective equipment
Protective helmets

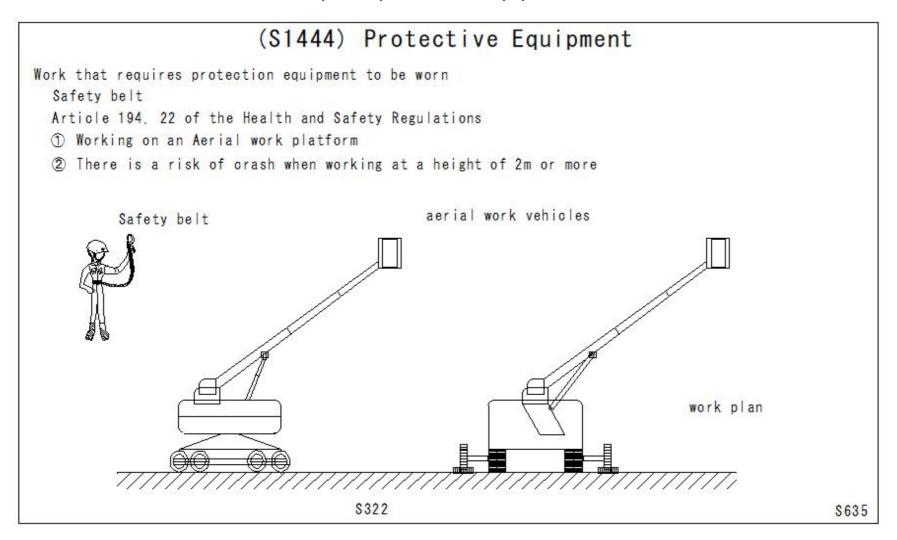
Article 539 of the Safety and Health Regulations

In case of working at heights such as on slipways or high-rise buildings, workers are required to wear protective helmets to prevent the danger of flying or falling objects.

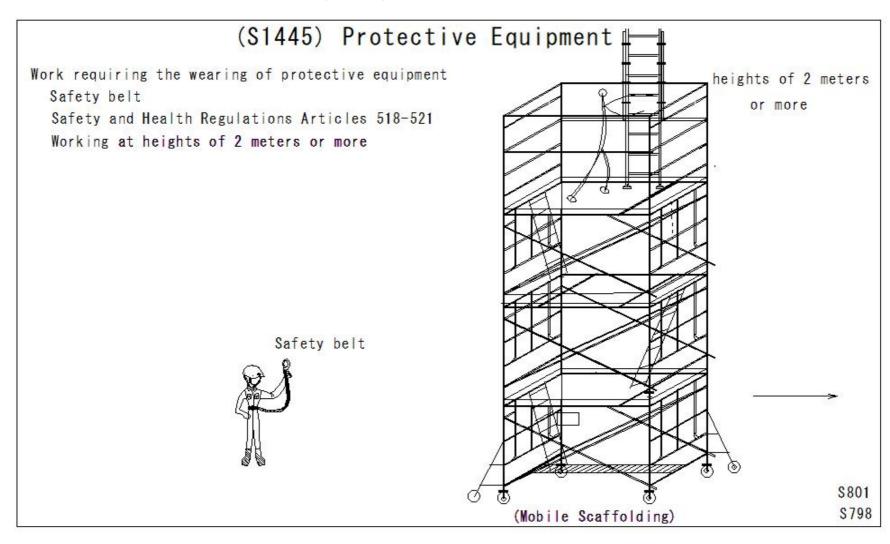


\$75

(S1444) Protective Equipment



(S1445) Protective Equipment



(S1446) Protective Equipment

(S1446) Protective Equipment

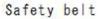
Work requiring the wearing of protective equipment

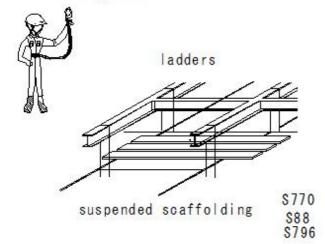
Safety belt

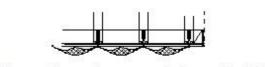
Article 564 of the Safety and Health Regulations

Assembly and dismantling of suspended scaffolding, overhanging scaffolding,

or scaffolding with a height of two meters or more





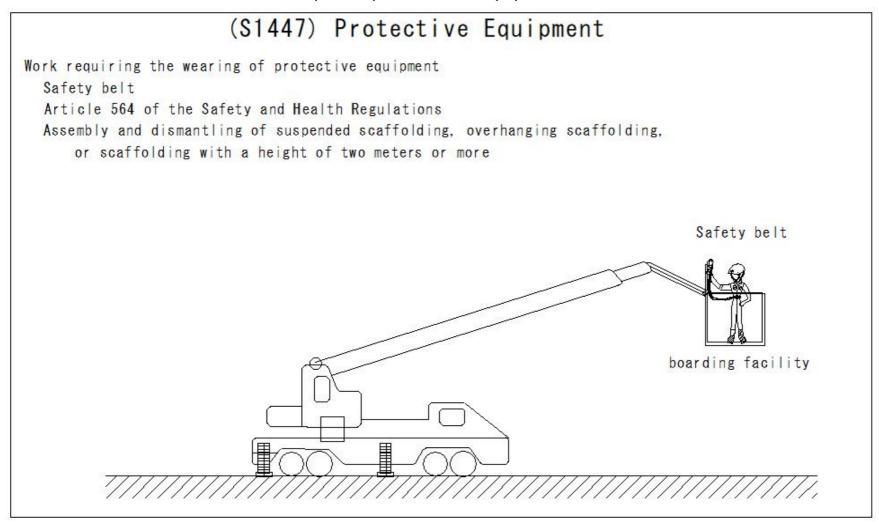


Configuration of suspended scaffolding

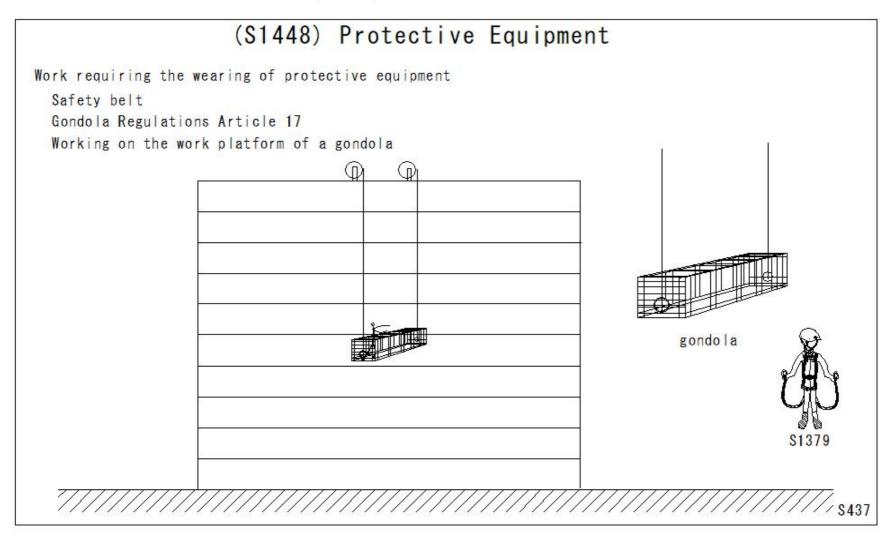
\$797

\$1418

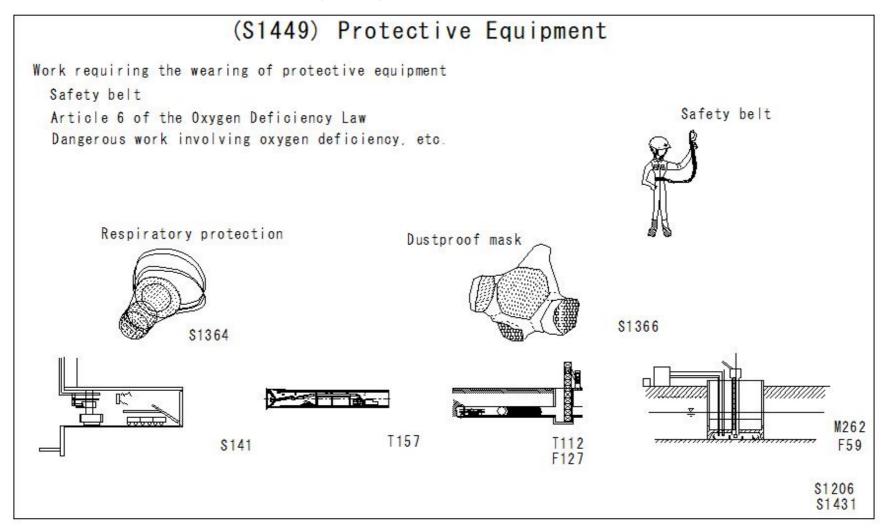
(S1447) Protective Equipment



(S1448) Protective Equipment



(S1449) Protective Equipment



(S1450) Protective Equipment

(S1450) Protective Equipment

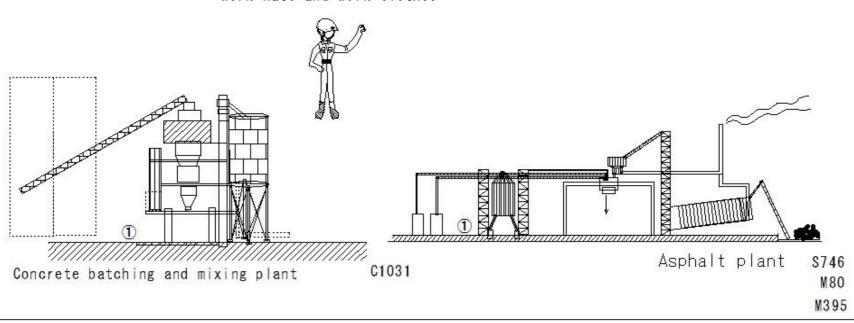
Work requiring the wearing of protective equipment

Work hats and work clothes

Article 110 of the Safety and Health Regulations

- 1 In case of there is a risk that the worker's hair or work clothes may be caught in the machine
- 2 In case of it is mandatory to wear a work hat or work clothes

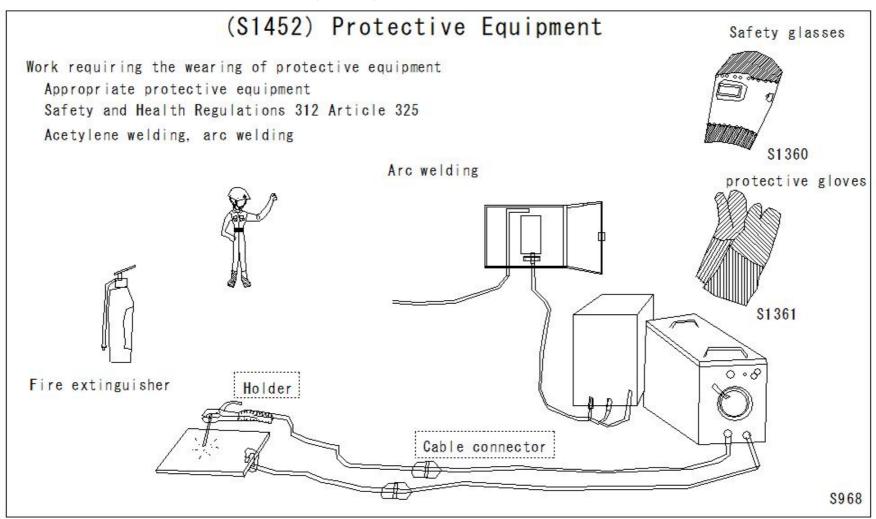
Work hats and work clothes



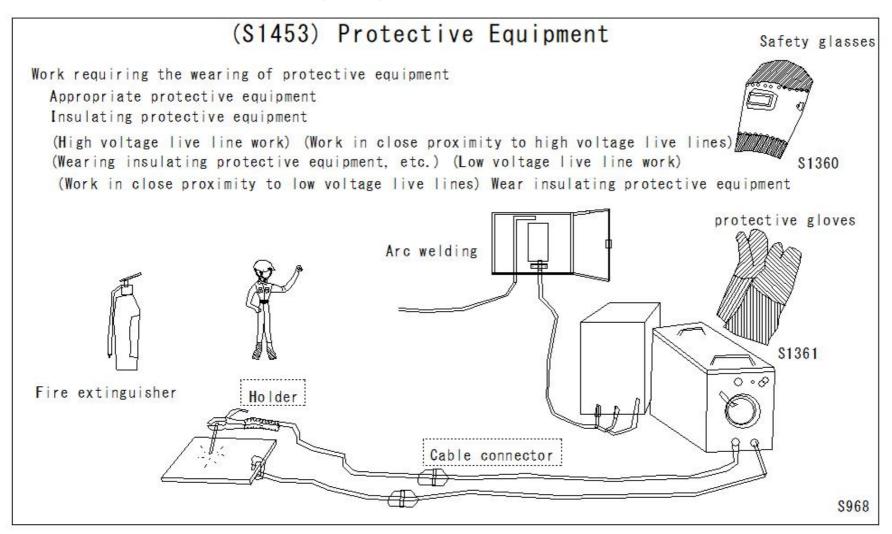
(S1451) Protective Equipment

(S1451) Protective Equipment Work requiring the wearing of protective equipment Protective glasses and gloves Article 313 of the Safety and Health Regulations Gas welding work Gas welding Wear protective glasses and gloves Protective helmet Safety glasses \$1360 protective gloves \$1361 \$960 \$1428

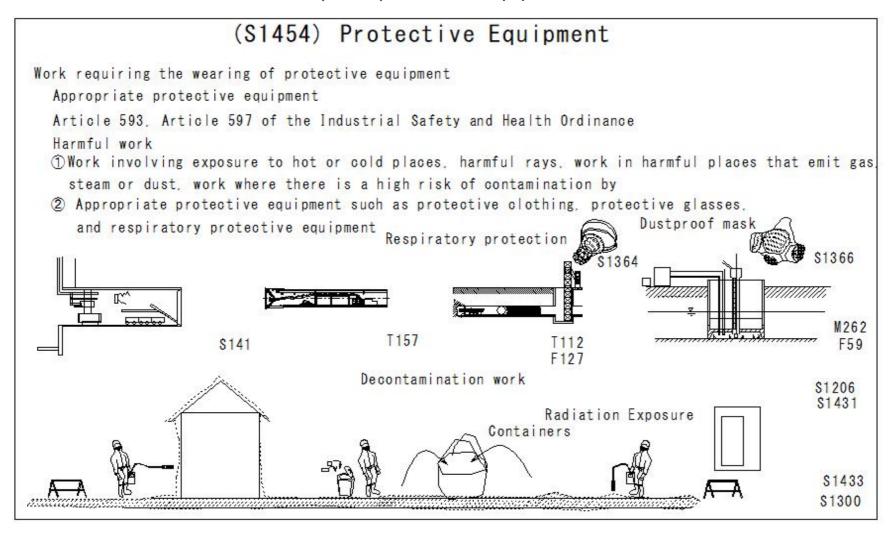
(S1452) Protective Equipment



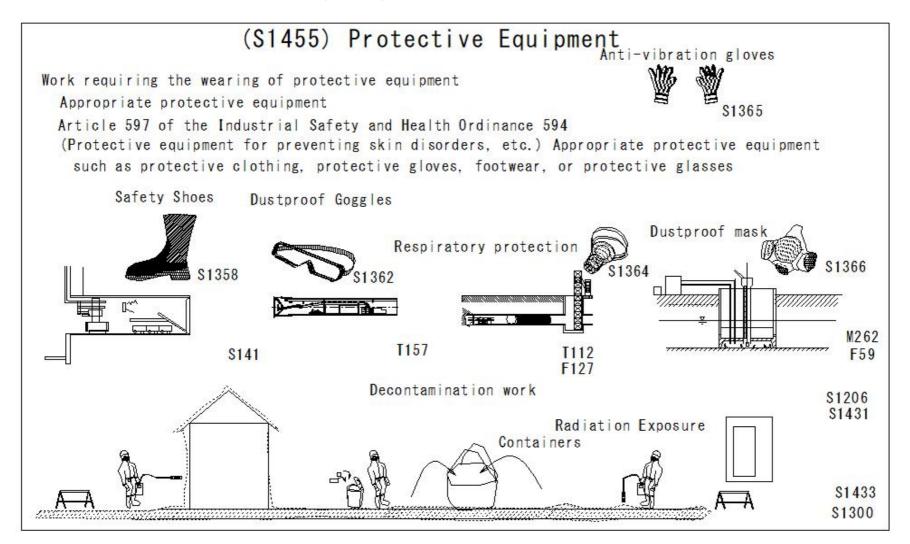
(S1453) Protective Equipment



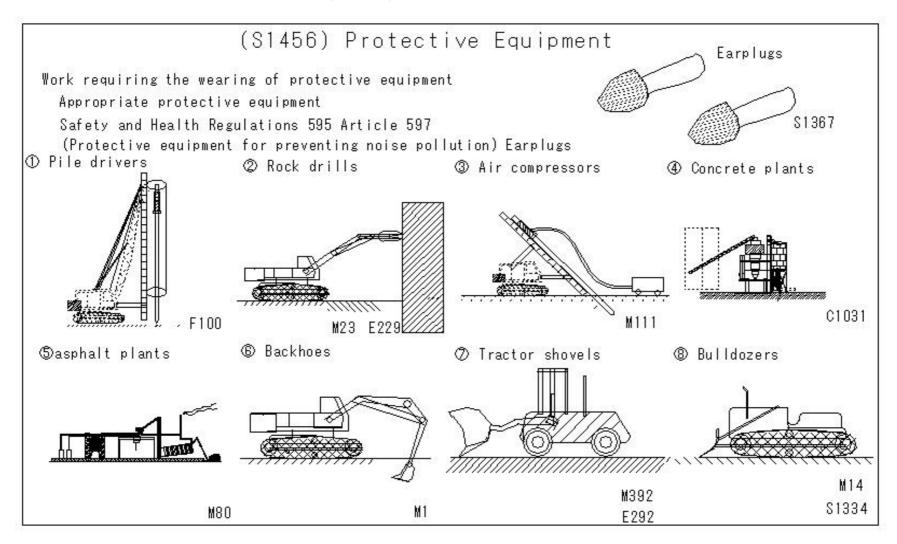
(S1454) Protective Equipment



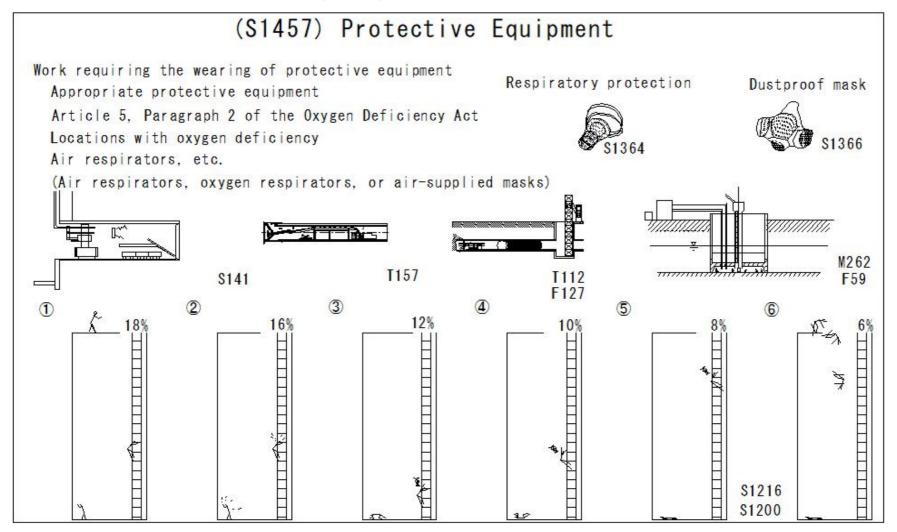
(S1455) Protective Equipment



(S1456) Protective Equipment



(S1457) Protective Equipment



(S1458) Protective Equipment

(S1458) Protective Equipment

Work requiring the wearing of protective equipment

Appropriate protective equipment

Articles 33 and 34 of the Organic Solvent Law

Ordinance for the Prevention of Organic Solvent Poisoning (Organic Solvent Law)

Work involving exposure to organic solvent vapors

Respiratory protective equipment such as air-supplied masks and gas masks

Respiratory protection

Dustproof mask



\$1364

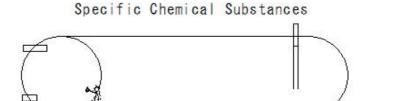


\$1366





\$1248

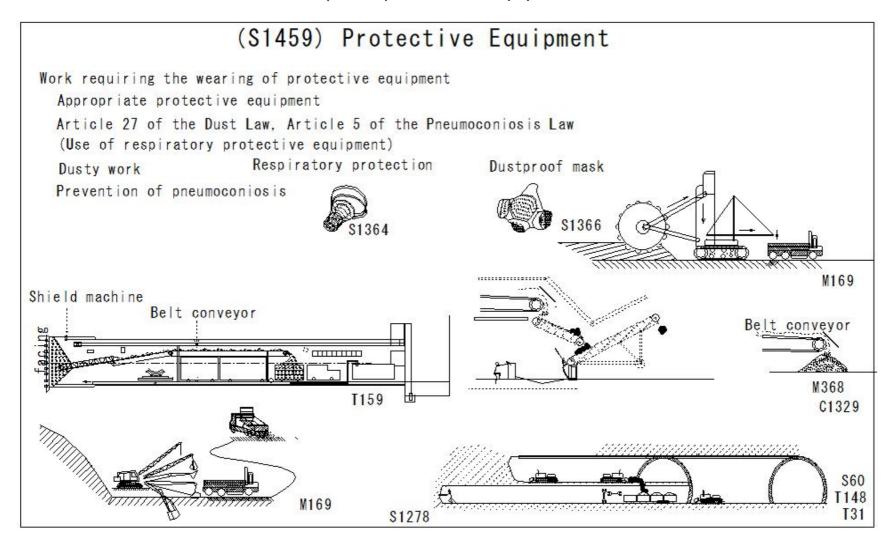


Widely used in painting, cleaning, printing, and other tasks

\$1229

\$1430

(S1459) Protective Equipment



(S1460) Protective Equipment

(S1460) Protective Equipment

Work requiring the wearing of protective equipment

Appropriate protective equipment

Special Law Article 43, Article 44

Respiratory protective equipment

Protective clothing

Workplaces manufacturing and handling specified chemical substances

Respiratory protection

Dustproof mask

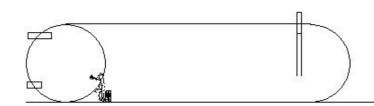




\$1366

Specific Chemical Substances



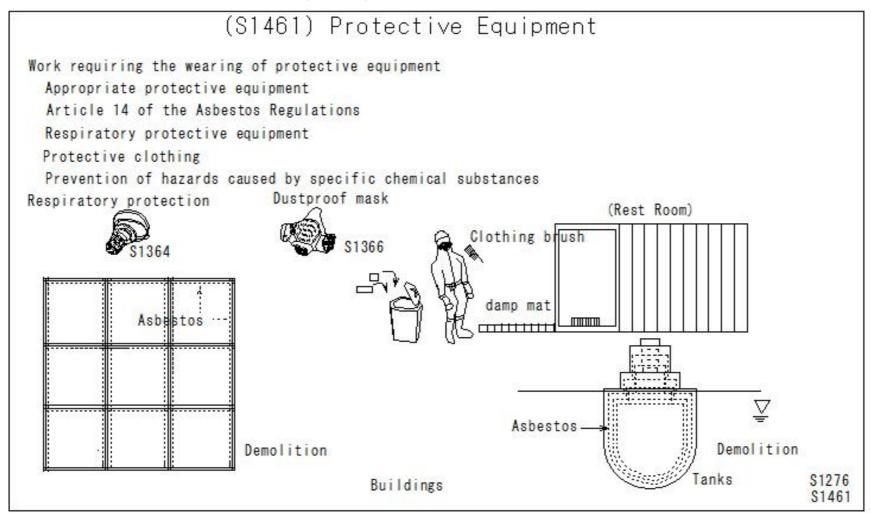


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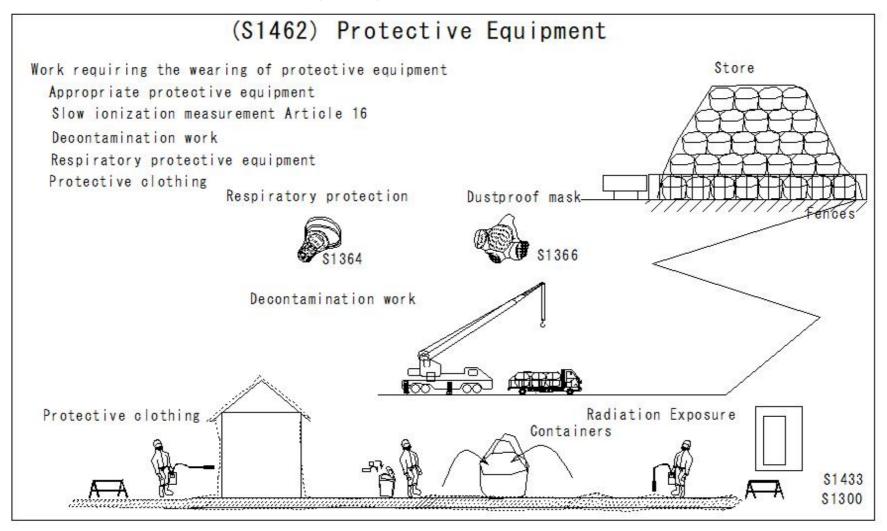
Widely used in painting, cleaning, printing, and other tasks

\$1430

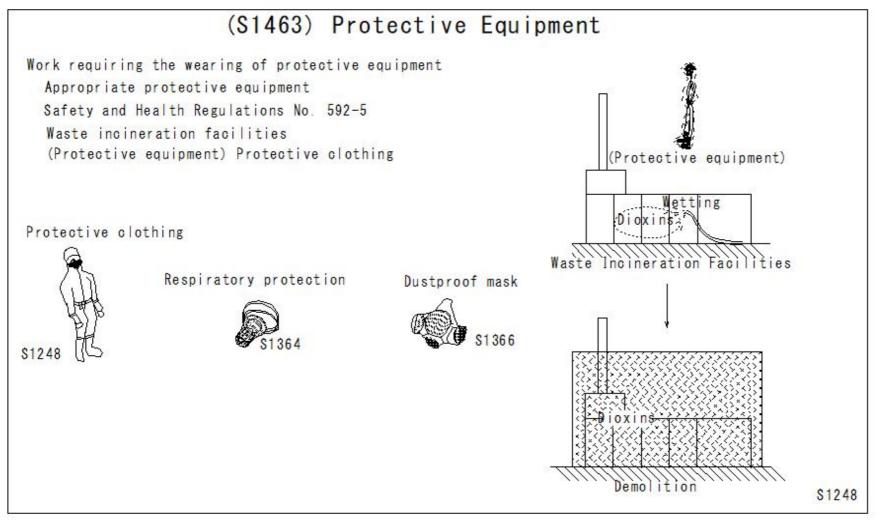
(S1461) Protective Equipment



(S1462) Protective Equipment



(S1463) Protective Equipment



(S1464) Debris flow

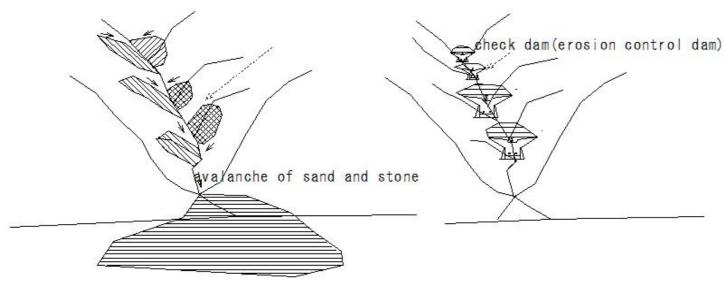
(S1464) Debris flow

Places where debris flows may occur

Article 29-2 of the Safety and Health Act

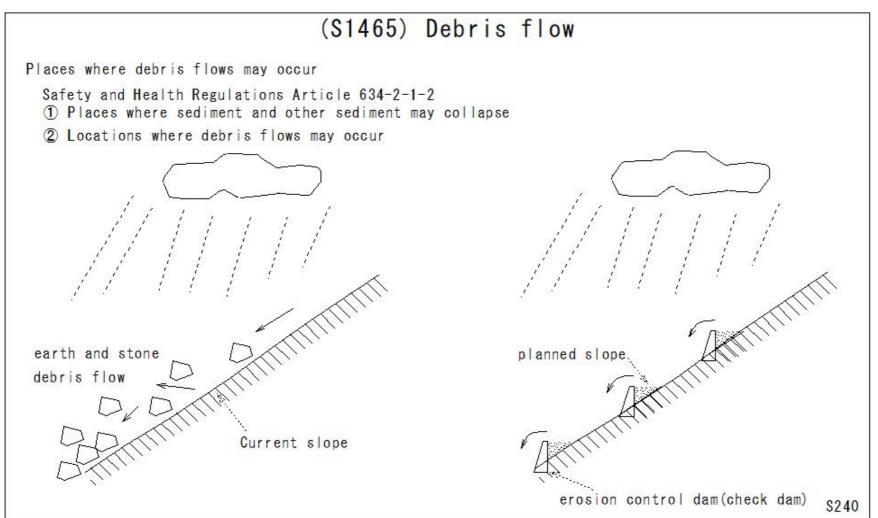
Debris flow

- 1 A phenomenon in which soil and stones from mountains and valleys flow down with water
- 2 A type of landslide
- 3 Caused by long rain, torrential rain, or snow-spray water
- 4 Major damage that destroys homes, fields, roads, and other places, and kills people



Prevent avalanche of sand and stone

\$132



(S1466) Debris flow

(S1466) Debris flow

Places where debris flows may occur

Article 575-9-3,4 of the Safety and Health Regulations Chapter 12: Preventing dangers caused by debris flows (Investigation and Record)

- 1 A river where debris flows may occur due to rain, snowmelt or earthquakes
- 2 Investigate the situation of the upstream river and its surroundings.
- 3 The results must be recorded.

(Investigation and Record)

heavy rain

water

debris flow

earth and sand

hurry flow

acceleration

(S1467) Debris flow

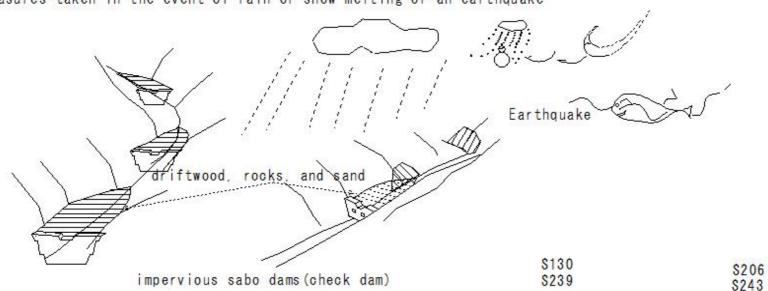
(S1467) Debris flow

Places where debris flows may occur

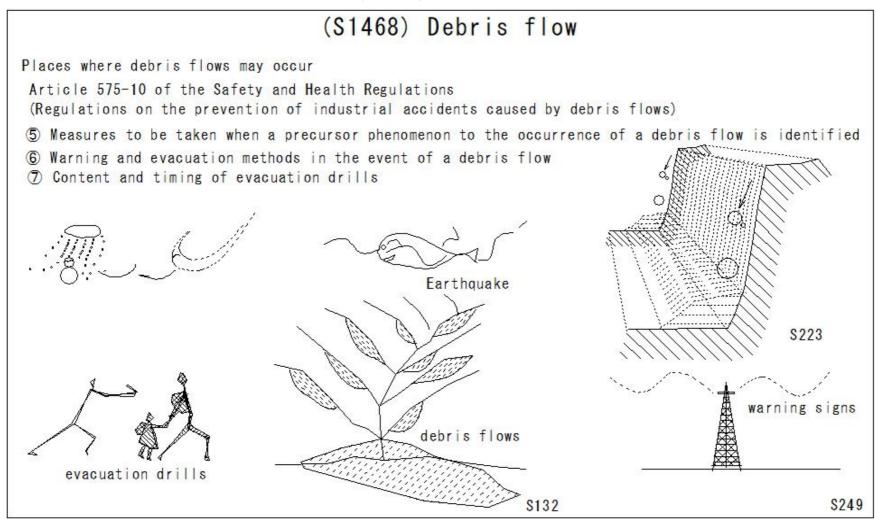
Article 575-10 of the Health and Safety Regulations

(Regulations on the prevention of industrial accidents caused by mudslides)

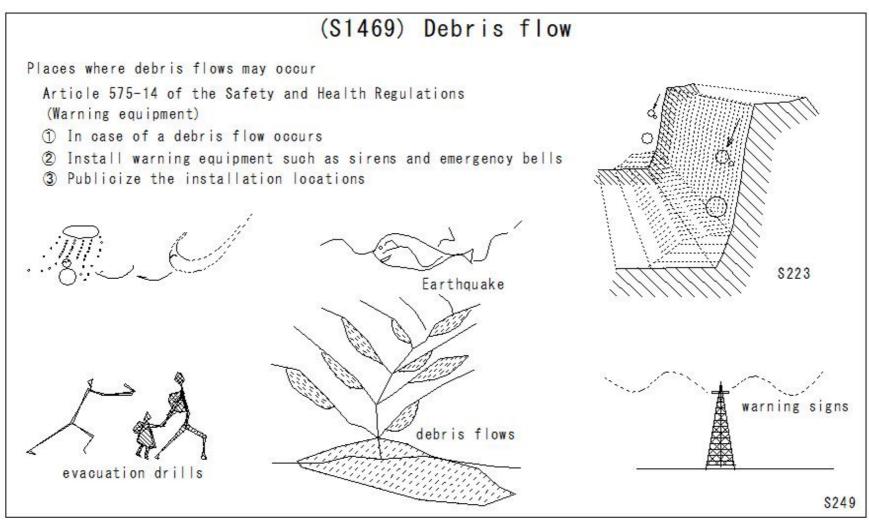
- 1 In case of carrying out construction work in a river that is dangerous to debris flows
- Regulations regarding the prevention of industrial accidents caused by debris flows must be established.
- 3 How to grasp the amount of rainfall
- 4 Measures taken in the event of rain or snow melting or an earthquake



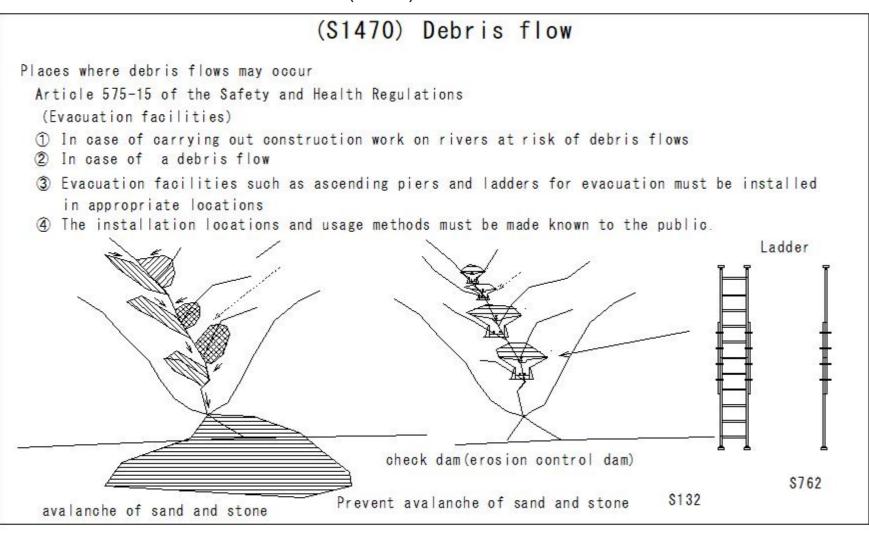
(S1468) Debris flow



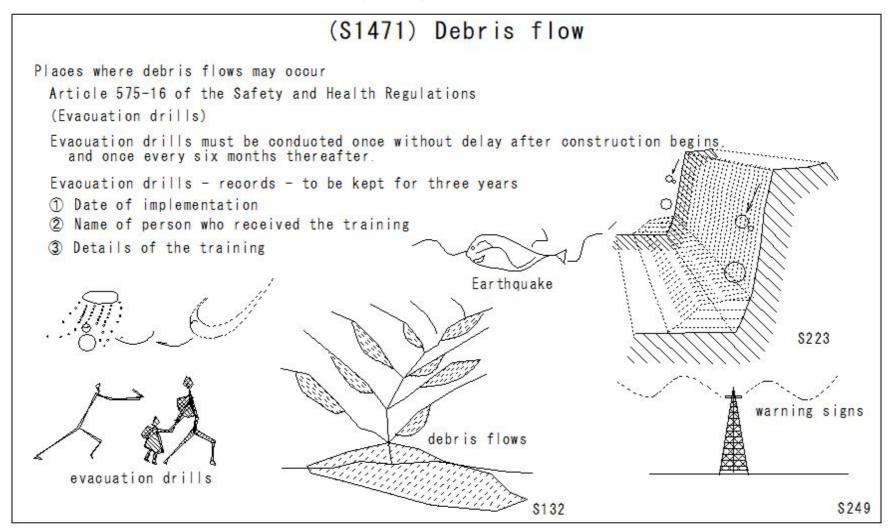
(S1469) Debris flow



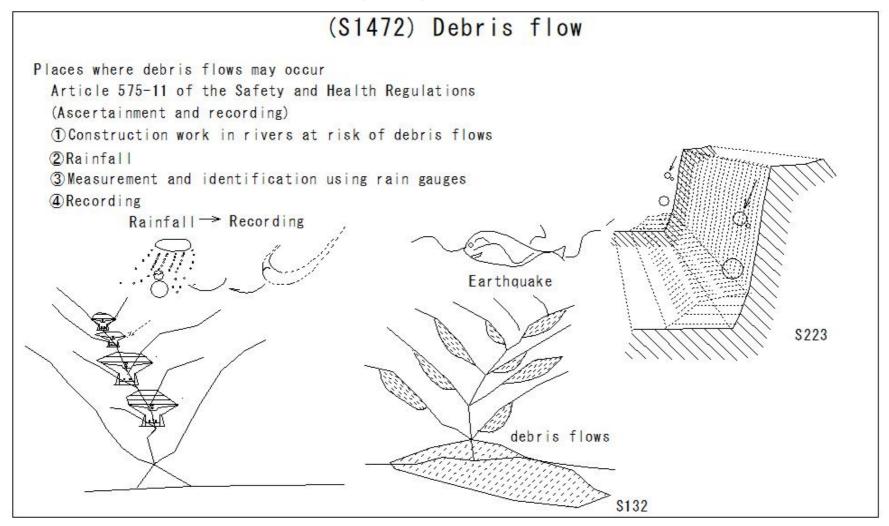
(S1470) Debris flow



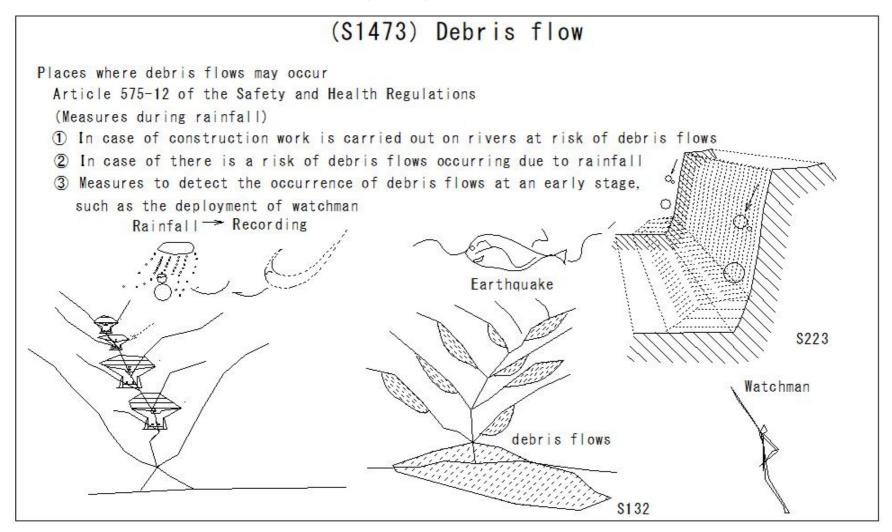
(S1471) Debris flow



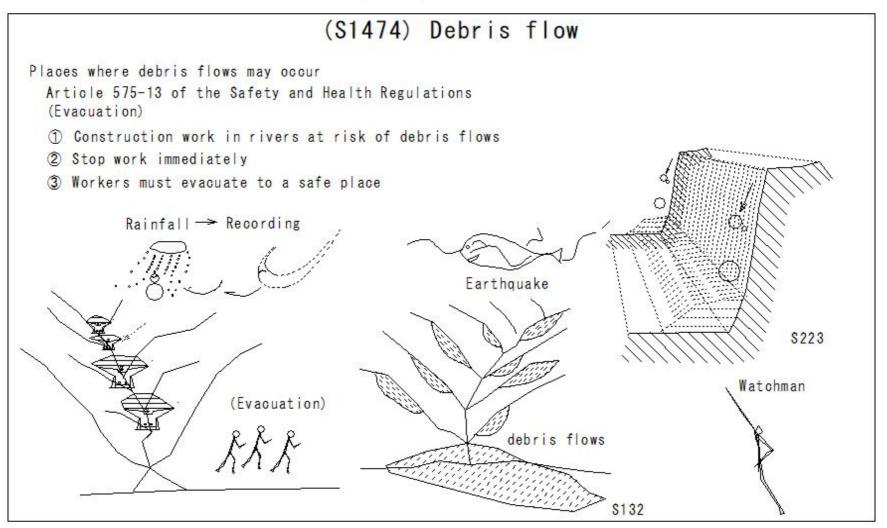
(S1472) Debris flow



(S1473) Debris flow



(S1474) Debris flow



(S1475) Loading and Unloading

(S1475) Loading and Unloading

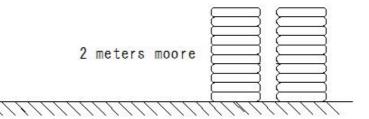
Safety work for loading and unloading

Article 428 of the Safety and Health Regulations

Piling work is the work of stacking and unloading cargo that is piled up in a warehouse or on a yard Piling, demolition, etc.

1 Piling work that is 2 meters or higher in height

Piling, demolition, etc.



(S1476) Loading and Unloading

(S1476) Loading and Unloading

Safety work for loading and unloading

Article 429 of the Safety and Health Regulations (Duties of the Work Supervisor)

Work Supervisor

- ① Determine the method and order of work and directly supervise the work.
- 2 Inspect the equipment and tools and remove defective items.
- 3 Allow workers to pass safely.
- 4 Give instructions to start work after confirming that there is no risk of the pile collapsing.
- (5) Monitor the use of equipment for ascending and descending and protective helmets.

Piling, demolition, etc.

helmets

Work Supervisor

2 meters moore

(S1477) Loading and Unloading

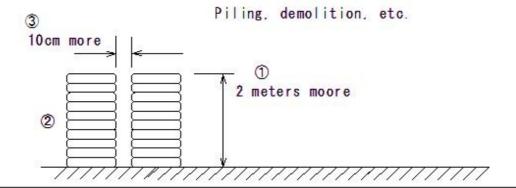
(S1477) Loading and Unloading

Safety work for loading and unloading

Article 430 of the Safety and Health Regulations

(Spacing of containers)

- 1 Height from the floor is more than two meters
- 2 Containers are bags, baskets, or bales
- 3 Distance between containers and adjacent containers is more than 10 centimeters



(S1478) Loading and Unloading

(S1478) Loading and Unloading

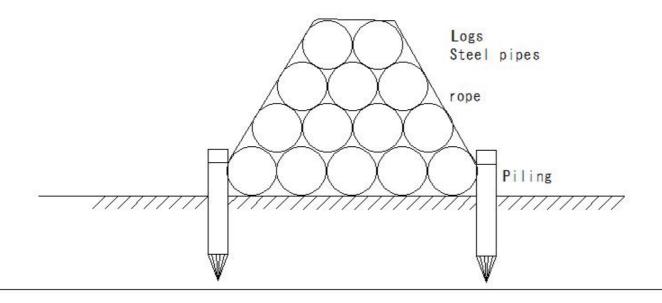
Safety work for loading and unloading

Article 432 of the Safety and Health Regulations

(Prevention of dangers such as pile collapse)

- 1 In case of there is a risk of danger to workers due to pile collapse or falling load
- 2 Tie with rope, stretch net, apply pilings, and replace piles

Piling, demolition, etc.



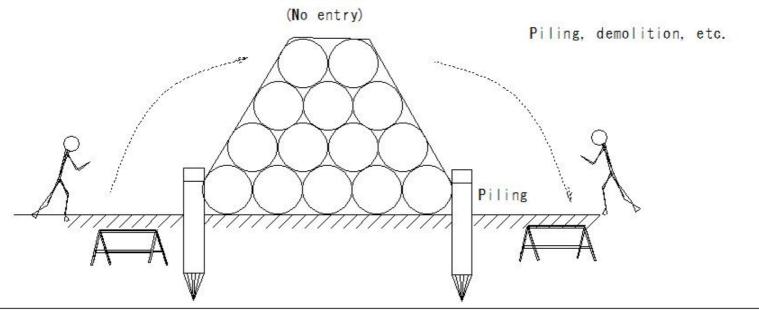
(S1479) Loading and Unloading

(S1479) Loading and Unloading

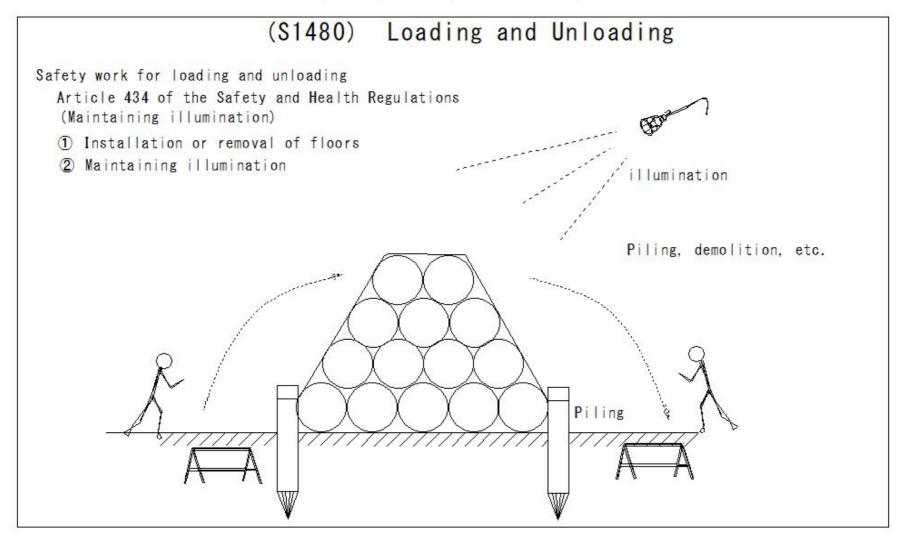
Safety work for loading and unloading

Article 433 of the Safety and Health Regulations (No entry)

- 1 In areas where pile-laying or piling work is being carried out
- In areas where there is a risk of danger to workers due to the collapse of piles or the falling of loads
- 3 No workers other than workers are allowed to enter.



(S1480) Loading and Unloading



(S1481) Loading and Unloading

(S1481) Loading and Unloading

Safety work for loading and unloading

Safety and Health Regulations Article 427

(Lifting equipment for lifting)

- 1 Lifting work
- 2 In case of the height of the work area is more than 1.5 meters above the floor
- 3 Install lifting equipment

Piling, demolition, etc.

helmets

Lifting equipment

Work Supervisor

1.5meters moore

(S1482) Loading and Unloading

Loading and Unloading (S1482) Safety work for loading and unloading Article 431 of the Safety and Health Regulations Pile-up and break-up work ① Piling and piling work that is more than two meters above the floor ② Do not hollow out the insides. 3 For pilings that consist of loads whose containers are bags, baskets, or bales, break them into tiers 4 The height of each tier (excluding the bottom tier) must be 1.5 meters or less. Piling, demolition, etc. h ≦ 1.5m h≦1.5m h' > 1.5m

(S1483) Loading and Unloading

(S1483) Loading and Unloading

Safety work for loading and unloading

Safety and Health Regulations Article 435

(Wearing a protective helmet)

- ① Pile-up and break-up work (the height of the work area is more than two meters above the floor)
- 2 Wear a protective helmet.

Piling, demolition, etc.

2 meters moore



(S1484) Buildings

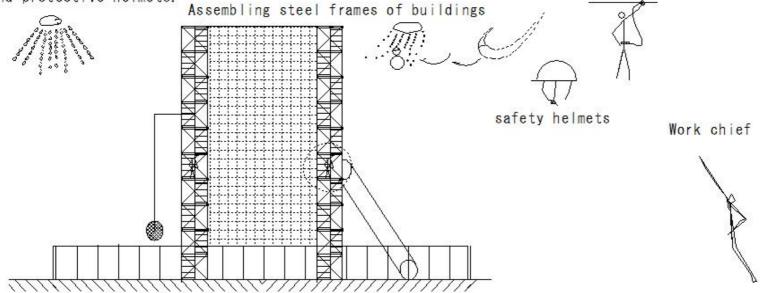
(S1484) Buildings

Safety work such as assembling steel frames of buildings, etc.

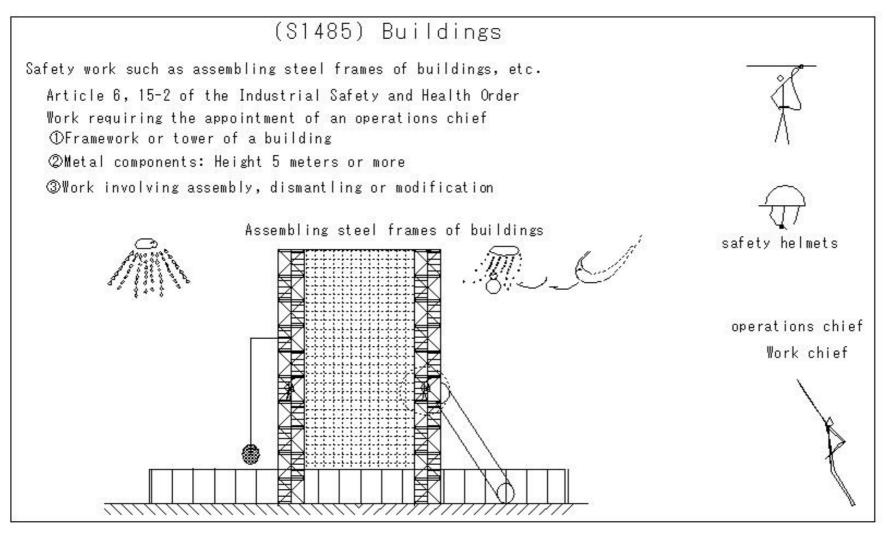
Article 517-4 and 5 of the Safety and Health Regulations

(Appointment of a work chief for assembling steel frames of buildings, etc.)

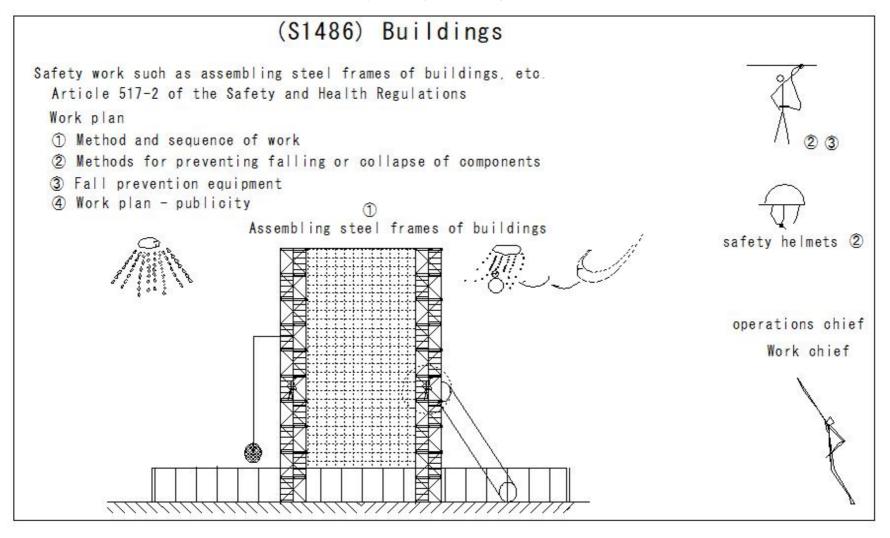
- 1 Determine the work method and worker placement, and directly supervise the work.
- 2 Check the functionality of equipment, tools, fall protection equipment with required performance, etc., and protective helmets, and remove defective items.
- 3 Monitor the use of fall protection equipment with required performance, etc., and protective helmets.



(S1485) Buildings



(S1486) Buildings



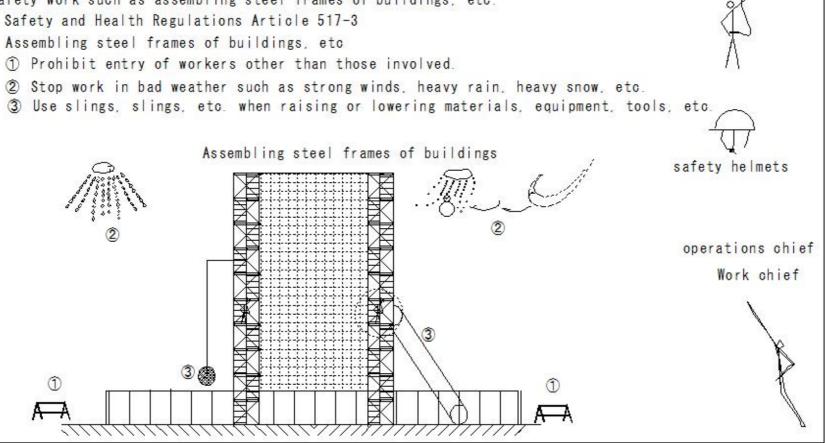
(S1487) Buildings

(S1487) Buildings

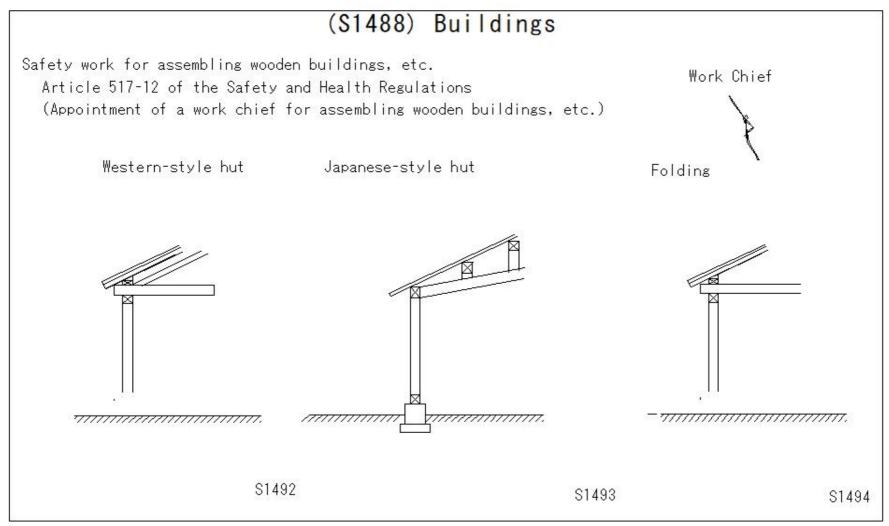
Safety work such as assembling steel frames of buildings, etc.

Safety and Health Regulations Article 517-3

- 1 Prohibit entry of workers other than those involved.
- 3 Use slings, slings, etc. when raising or lowering materials, equipment, tools, etc.



(S1488) Buildings



(S1489) Buildings

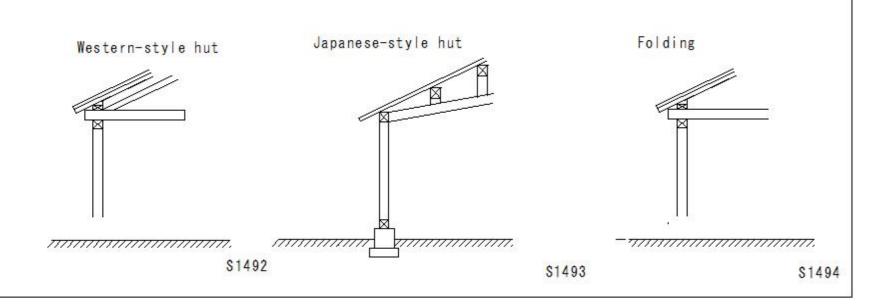
(S1489) Buildings

Work Chief

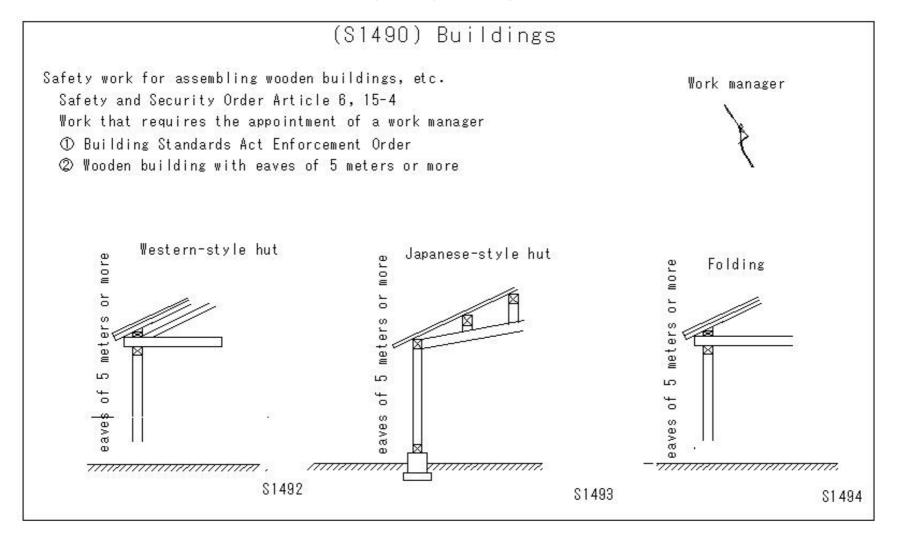
Safety work for assembling wooden buildings, etc.

Article 517-13 of the Safety and Health Regulations
(Duties of the work chief for assembling wooden buildings)

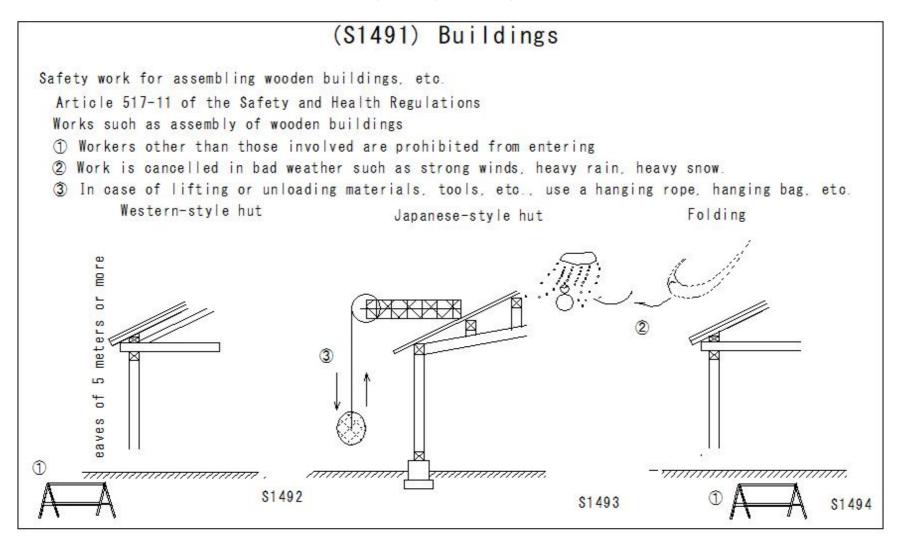
- ① Determine the method and order of work and directly supervise the work.
- ② Check the function of tools, fall protection equipment with required performance, and protective helmets, and remove defective items.
- 3 Monitor the use of fall protection equipment with required performance, and protective helmets.



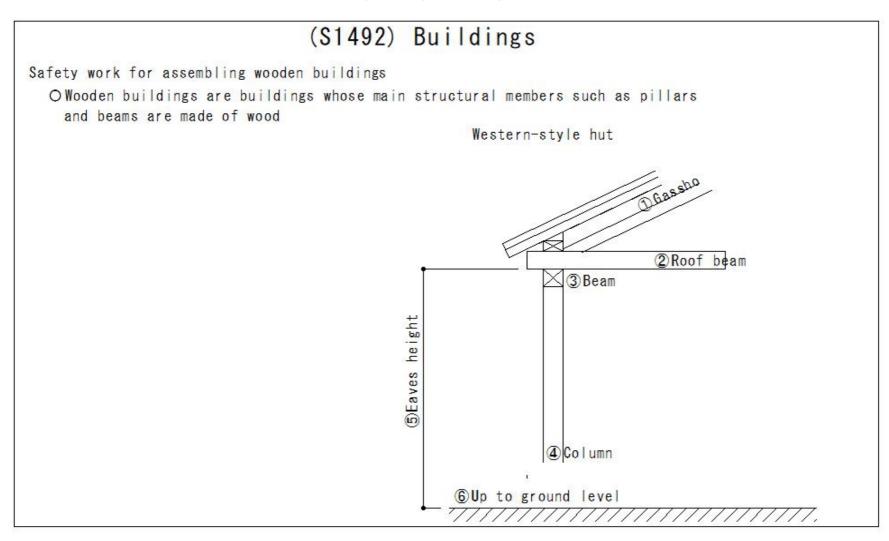
(S1490) Buildings



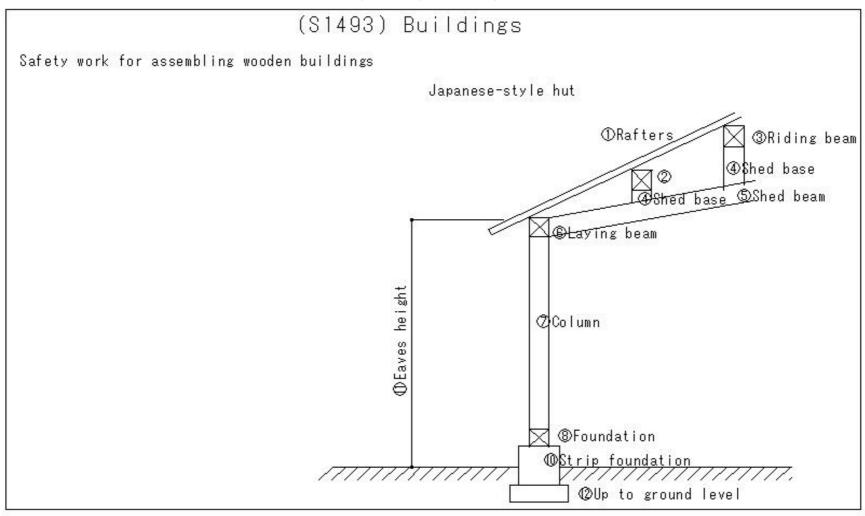
(S1491) Buildings



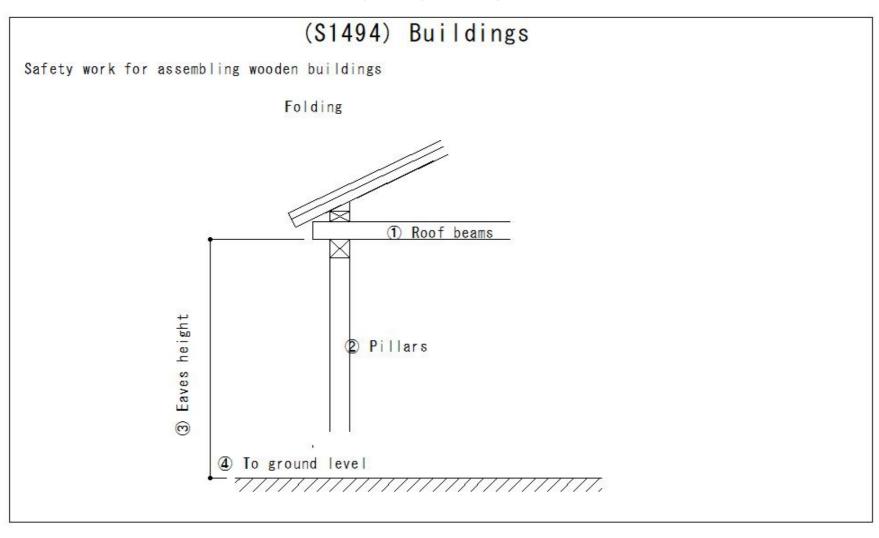
(S1492) Buildings



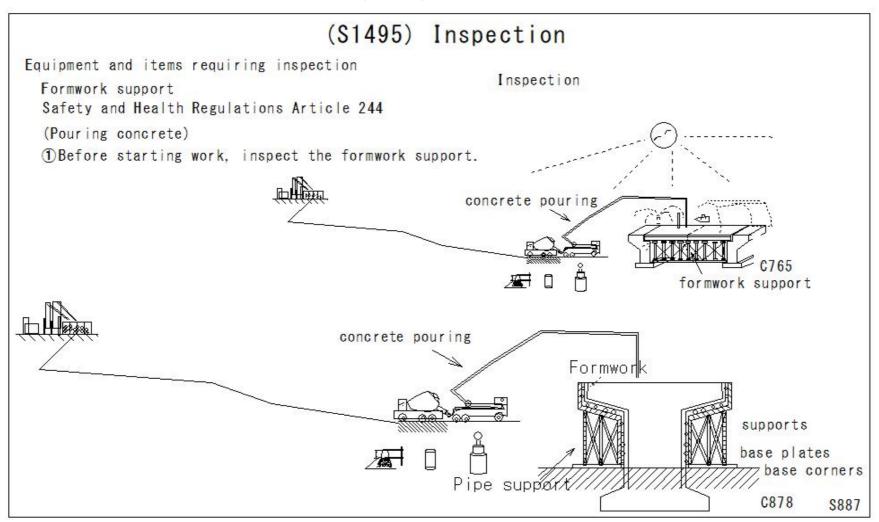
(S1493) Buildings



(S1494) Buildings



(S1495) Inspection



(S1496) Inspection

(S1496) Inspection

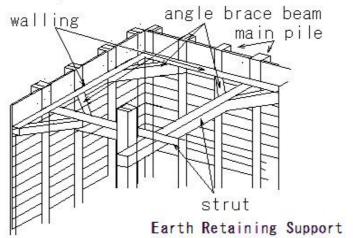
Equipment and items requiring inspection

Earth Retaining Support

Safety and Health Regulations Article 373 (Inspection)

- O After a moderate earthquake or greater
- O After heavy rainfall
- ① Presence and condition of damage, deformation, corrosion, displacement and falling off of components
- 2 Degree of tension of struts
- 3 Condition of connections, attachments and intersections of components

Inspection



Earthquake



(S1497) Inspection

(S1497) Inspection

Equipment and items requiring inspection

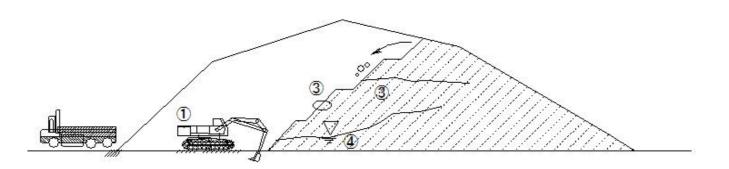
Open Excavation

Article 358 of the Safety and Health Regulations

(Inspection)

- O Open excavation work
- O Collapse of ground or falling of soil and stones
- 1 Before starting work
- 2 After heavy rain and after earthquakes of moderate magnitude or greater
- 3 Check for loose rocks and cracks
- 4 Check for changes in water content, upwelling water, and freezing conditions

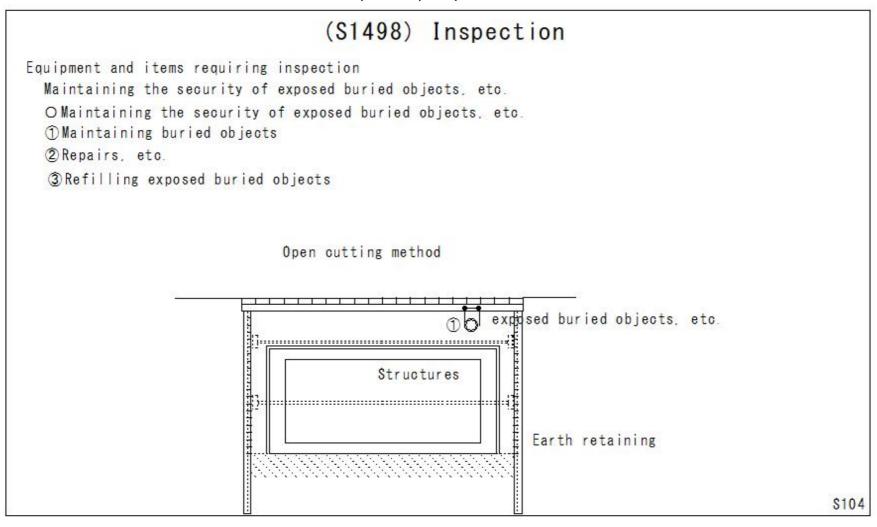
Inspection







(S1498) Inspection



(S1499) Inspection

(S1499) Inspection Equipment and items requiring inspection Lining 1 Deploy safety personnel 2 Constant inspection 3 Maintenance inspection (4) Maintenance inspection of anti-slip treatment peeling and anti-slip protrusions 5 Prevention of noise caused by lining plate bouncing or loosening @Prepare spare lining plates Lining Structures Earth retaining \$104

(S1500) Inspection

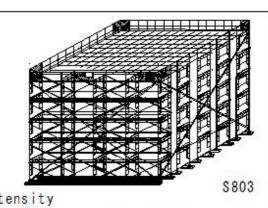
(\$1500) Inspection

Equipment and items requiring inspection

Work platform

Article 575-8 of the Safety and Health Regulations (Inspection)

- O Inspect before starting work that day
- O Inspection after bad weather such as strong winds, heavy rain, heavy snow, etc. or after an earthquake of medium or greater intensity
- ① Sliding and sinking condition of supports
- ② Damage to supports, beams, etc.
- 3 Damage, installation and hanging condition of flooring
- 4 Looseness of fastening parts, connections and installation parts of supports, beams, braces, etc
- 5 Damage and corrosion condition of fastening materials and fastening fittings
- 6 Installation condition and removal of reinforcing materials such as horizontal ties and braces
- 7 Removal and falling off of handrails, etc. and center rails, etc.



Work platform

(S1501) Inspection

Equipment and items requiring inspection

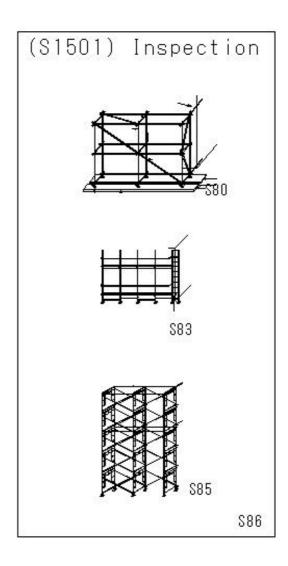
Scaffolding

Article 567 of the Safety and Health Regulations

(Inspection)

OScaffolding work

- OInspection after bad weather such as strong winds, heavy rain, heavy snow, etc., or after an earthquake of medium magnitude or greater, or after assembling scaffolding
- ① Damage to flooring, installation and hanging condition
- 2 Looseness of fastenings, connections and mountings of building sites
- 3 Damage and corrosion condition of fastening materials and fastening fittings
- 4 Removal and falling off of scaffold fall prevention equipment
- (5) Installation condition of baseboards, etc. and whether they have been removed
- 6 Subsidence and sliding condition of legs
- ① Installation condition of reinforcing materials such as braces, braces, wall connections and whether they have been removed
- 8 Damage to building sites, cloth and arms
- OInspection-preservation
- (1) In case of repair measures etc. have been taken based on the results of the previous item, the details of the measures



(S1502) Inspection

(S1502) Inspection

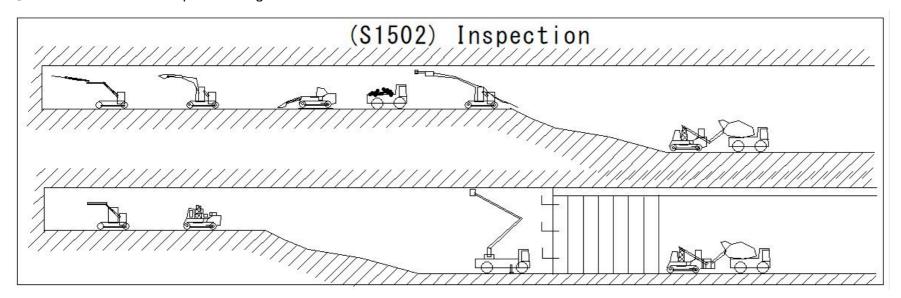
Equipment and items requiring inspection

Construction of tunnels, etc.

Article 382 of the Safety and Health Regulations (Inspection)

- ① Construction work of tunnels, etc.
- 2 Excavation work
- ③ Transportation of rubble, materials, etc.
- 4 Pouring concrete for lining
- (5) Measures for falling rocks or skin fall
- 6 After a moderate earthquake or larger

- The Presence or absence of loose rocks and cracks
- 8 Condition of water and welling water
- Appointment of inspector
- 10 After blasting
- ① Check the presence and condition of loose rocks and cracks



(S1503) Inspection

Equipment and items requiring inspection

Tunnel support

Article 396 of the Safety and Health Regulations

(Inspection)

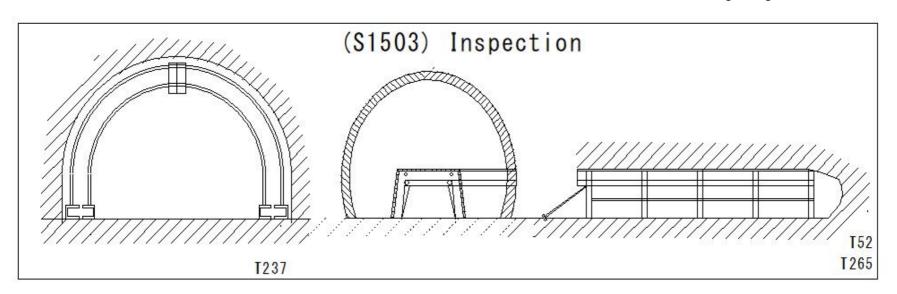
OTunnel support

ODaily and after earthquakes of moderate magnitude or greater

OIn case of abnormalities are found

OMust be reinforced or repaired.

- ① Presence and condition of damage, deformation, corrosion, displacement, and falling off of components
- 2 Degree of compression of components
- 3 Condition of connections and intersections of components
- 4 Presence and condition of sinking of legs



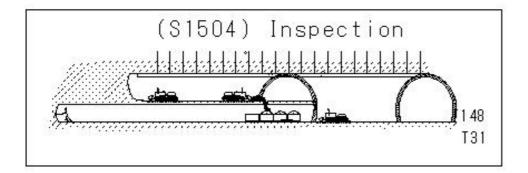
(S1504) Inspection

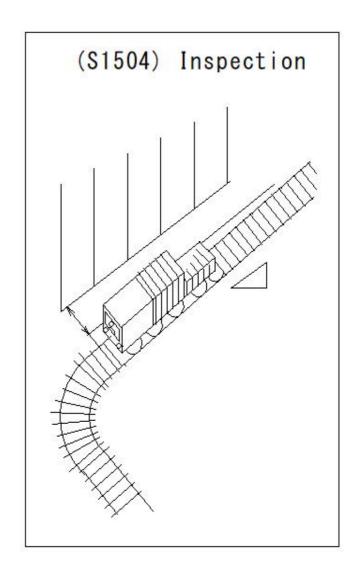
Equipment and items requiring inspection

Railway equipment

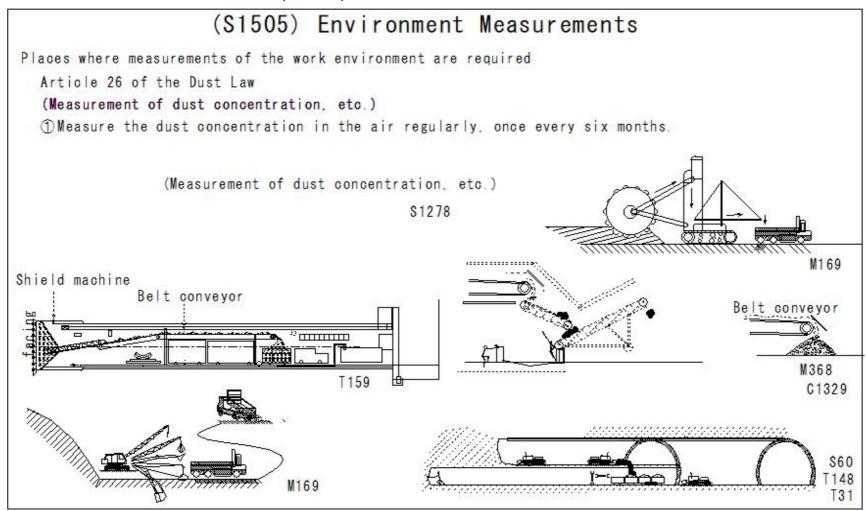
Article 232 of the Safety and Health Regulations (Inspection)

- ORailway equipment
- ① Function of brakes, coupling devices, alarm devices, current collectors, headlights, control devices and safety devices
- 2 Check for leaks from piping such as air
- ③ Regularly check for abnormalities in the condition of the rails and road surface





(S1505) Environment Measurements

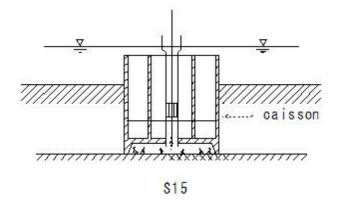


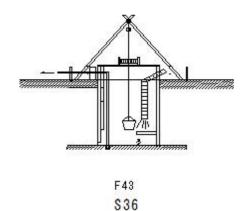
(S1506) Environment Measurements

(S1506) Environment Measurements

Places where measurements of the work environment are required Article 607 of the Safety and Health Regulations (measurement of temperature, humidity, etc.)

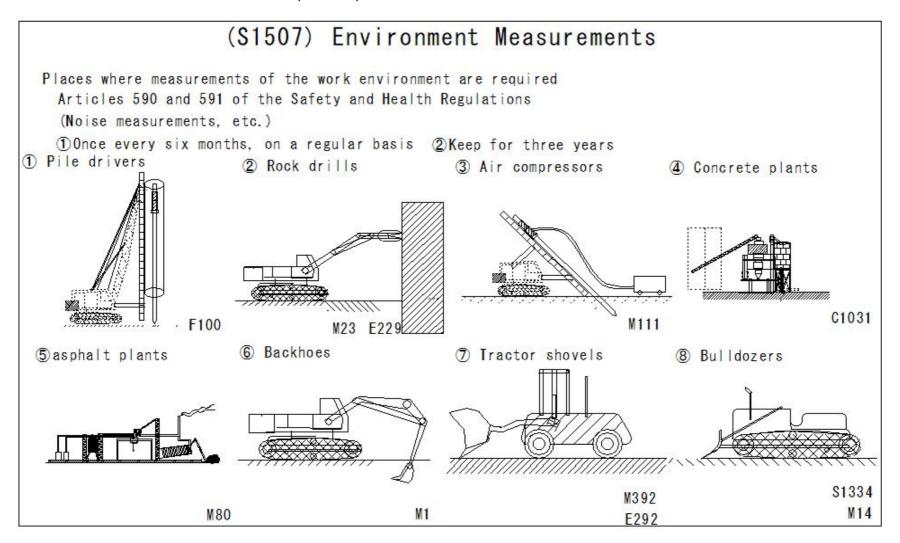
(measurement of temperature, humidity, etc.)



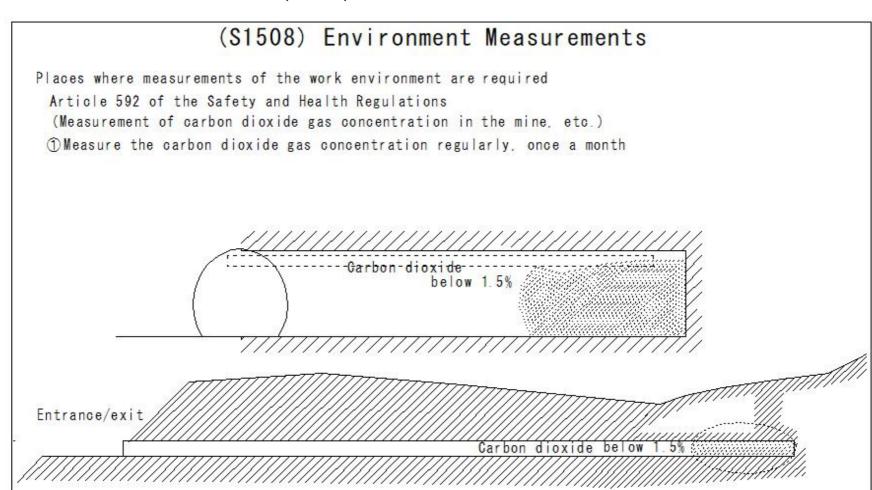


\$210

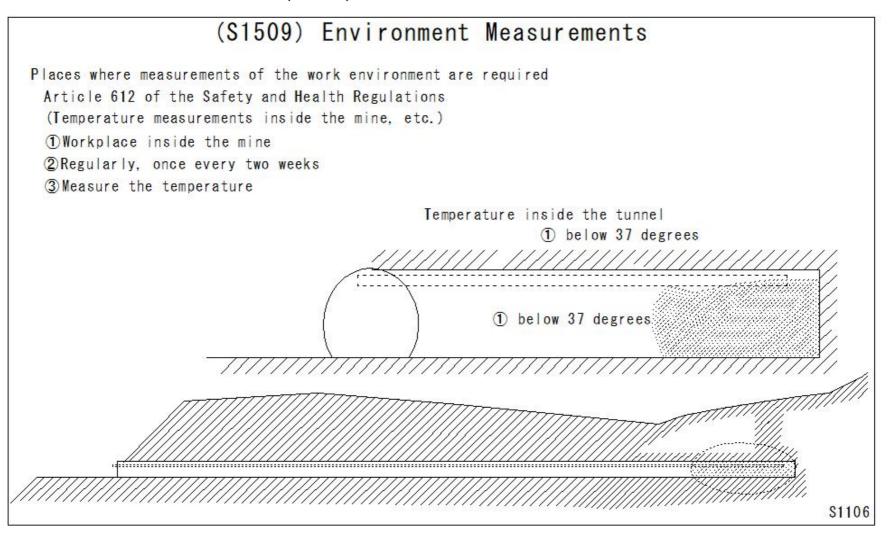
(S1507) Environment Measurements



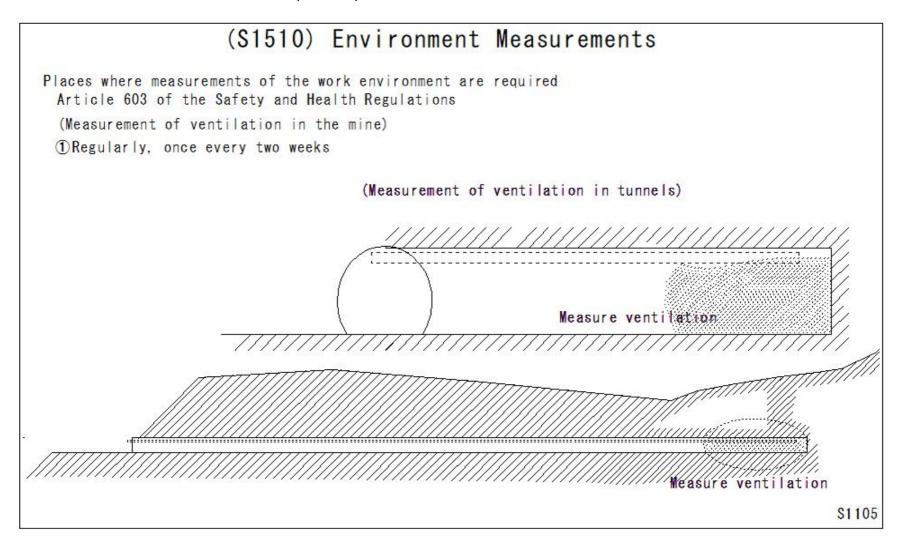
(S1508) Environment Measurements



(S1509) Environment Measurements



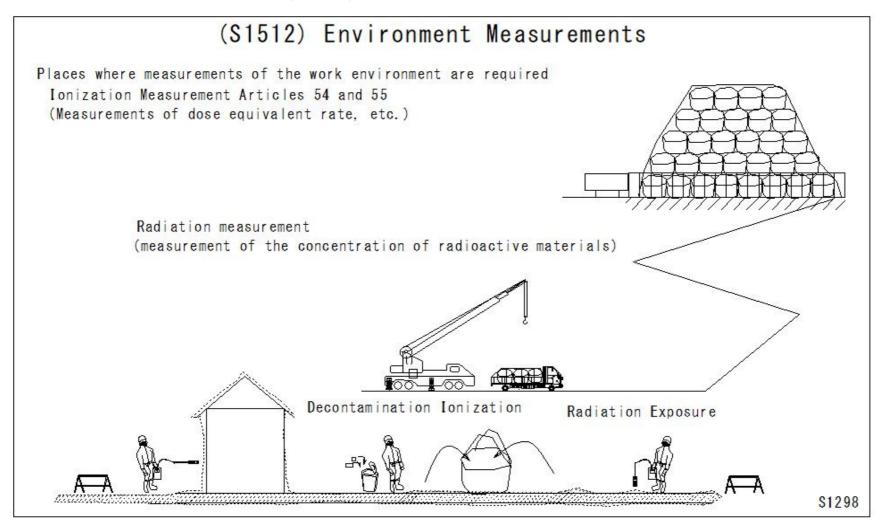
(S1510) Environment Measurements



(S1511) Environment Measurements

(S1511) Environment Measurements
Places where measurements of the work environment are required Office Regulations Article 7
Work environment measurements (carbon monoxide, carbon dioxide) ①Buildings (offices) with centrally controlled air conditioning equipment ②Regular measurements once every two months ③Carbon monoxide and carbon dioxide content ④Room temperature and outside temperature
©Relative humidity Work environment measurements
Buildings (offices)

(S1512) Environment Measurements



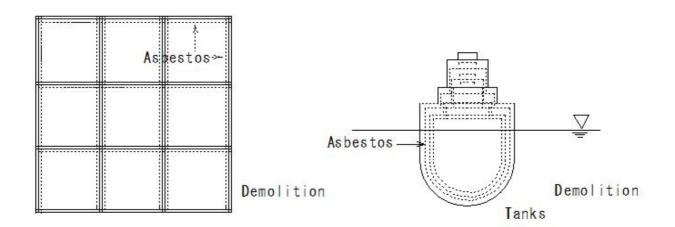
(S1513) Environment Measurements

(S1513) Environment Measurements

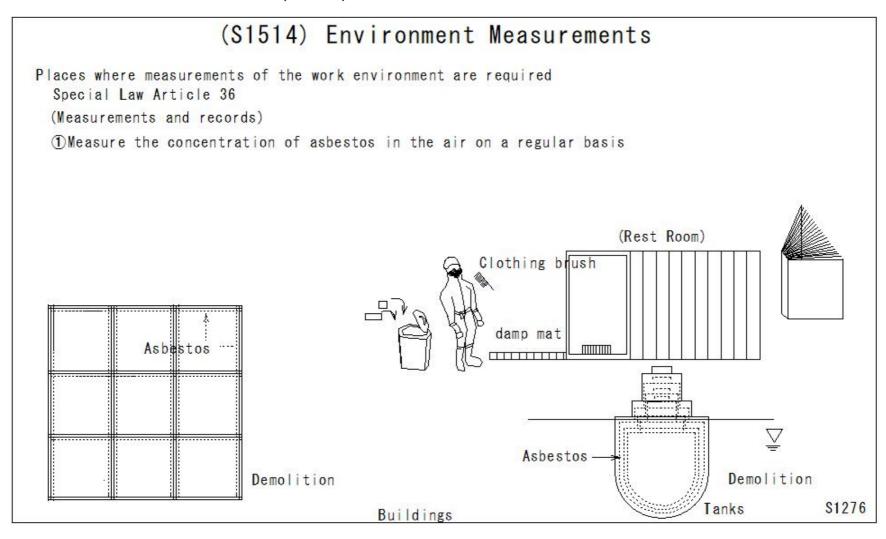
Places where measurements of the work environment are required Special Law Article 36

(Measurements and records)

1 Asbestos, etc. - Measure the concentration in the air



(S1514) Environment Measurements



(S1515) Environment Measurements

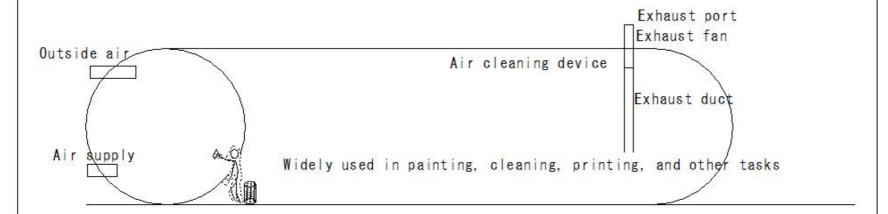
(S1515) Environment Measurements

Places where measurements of the work environment are required

Lead Regulations Article 52

Lead Poisoning Prevention Regulations

- 1 Measure the lead concentration in the air regularly, once a year
- (2) Lead poisoning affects various parts of the body, including the brain, nerves, kidneys, liver, and blood.



(S1516) Environment Measurements

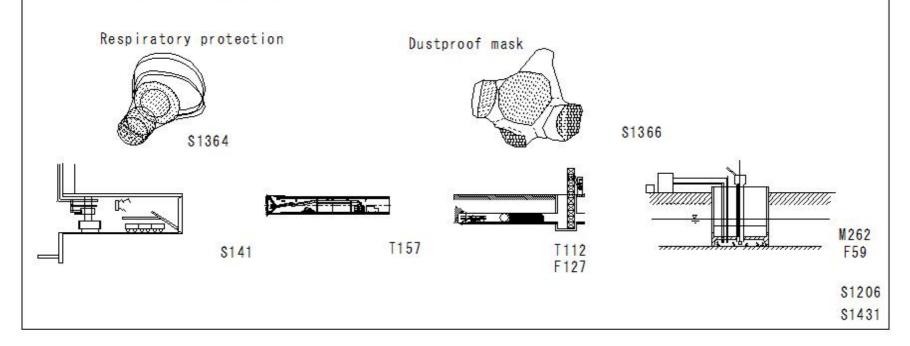
(S1516) Environment Measurements

Places where measurements of the work environment are required

Oxygen Deficiency Law Article 3

Regulations for the Prevention of Oxygen Deficiency, etc.

- 1 Before starting work
- 2 Measure the concentration of oxygen (oxygen and hydrogen sulfide) in the air
- 3 Record and store for three years

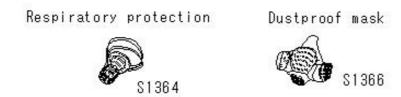


(S1517) Environment Measurements

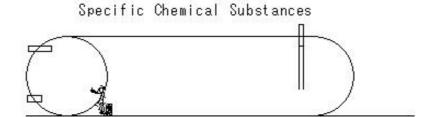
(S1517) Environment Measurements

Places where measurements of the work environment are required Article 28 of the Organic Solvent Law (Measurement)

- ① Organic solvent work related to organic solvents
- 2 Measure the concentration of the organic solvent on a regular basis, once every six months
- 3 Record and keep for three years





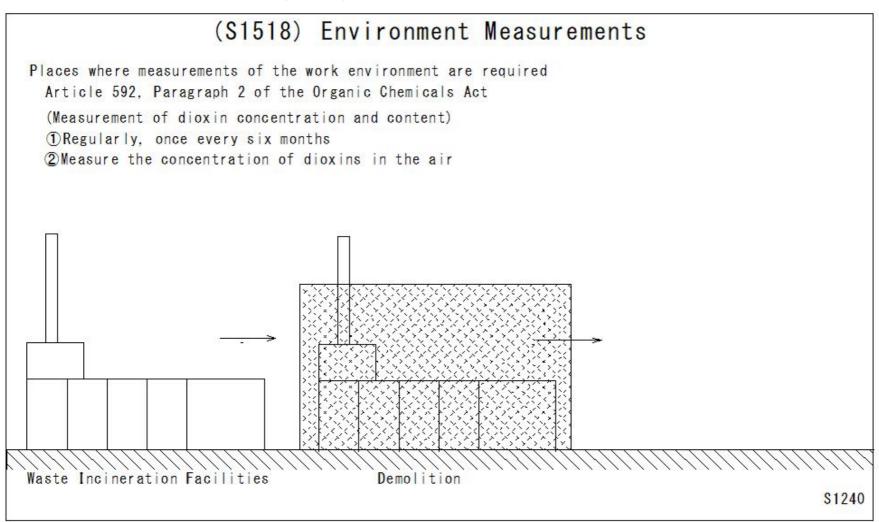


\$1458

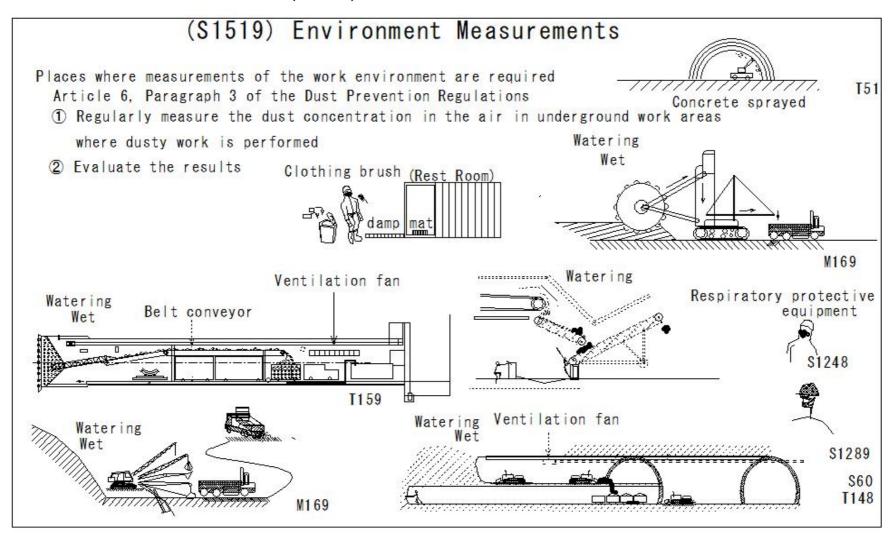
S1229 S1430

\$1248 Widely used in painting, cleaning, printing, and other tasks

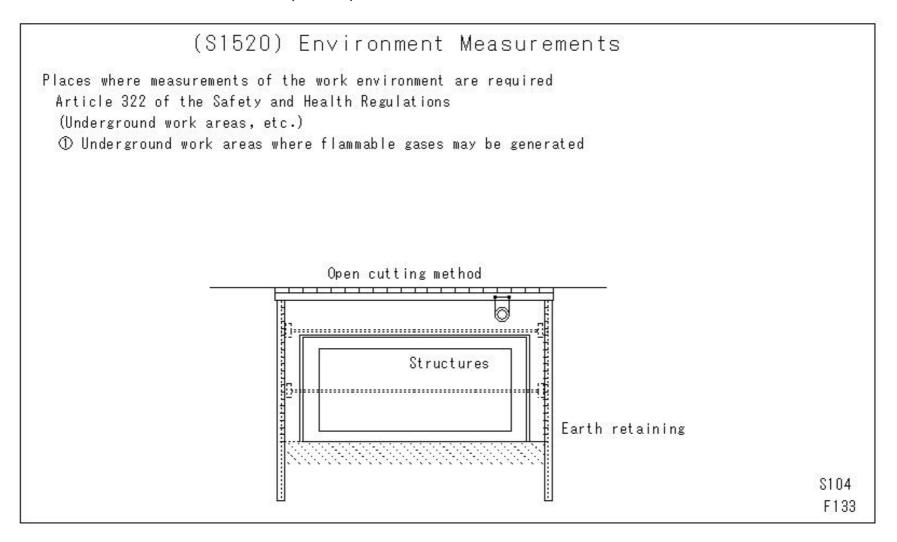
(S1518) Environment Measurements



(S1519) Environment Measurements



(S1520) Environment Measurements



(S1521) Bad Weather

(S1521) Bad Weather

Work that is restricted in bad weather

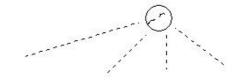
Article 245 of the Safety and Health Regulations

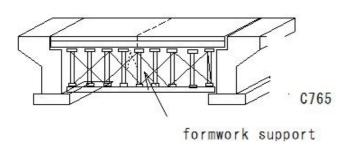
(Work such as assembling formwork shoring)

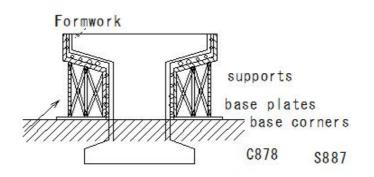
①Work will be suspended in bad weather such as_strong_winds, heavy rain, heavy snow, etc.







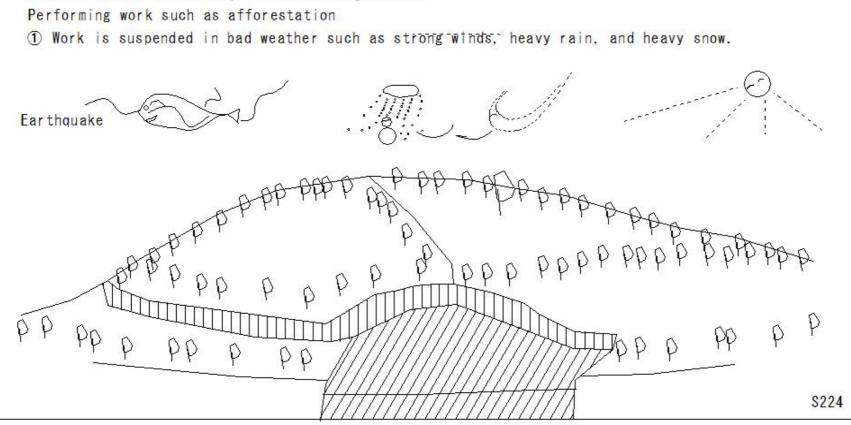




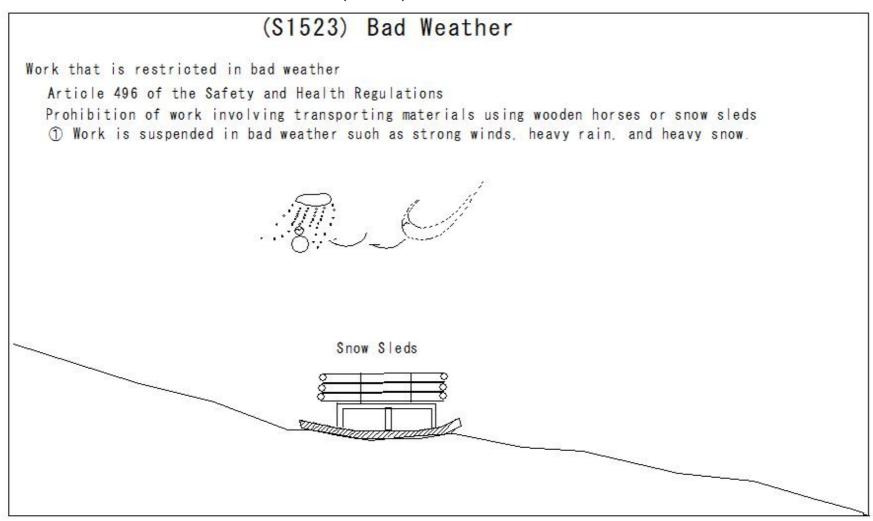
(S1522) Bad Weather

Work that is restricted in bad weather

Article 483 of the Safety and Health Regulations



(S1523) Bad Weather



(S1524) Bad Weather

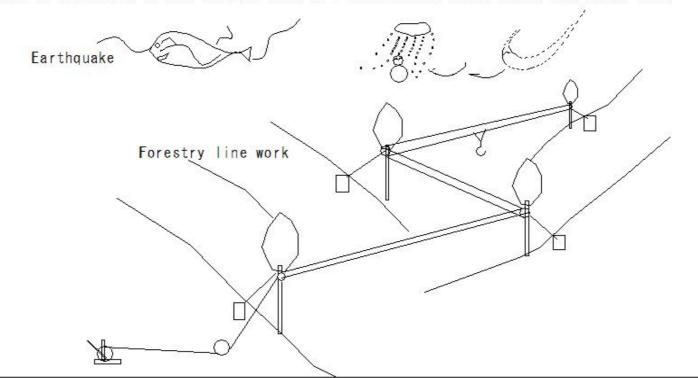
(S1524) Bad Weather

Work that is restricted in bad weather

Article 510 of the Safety and Health Regulations

Forestry line work

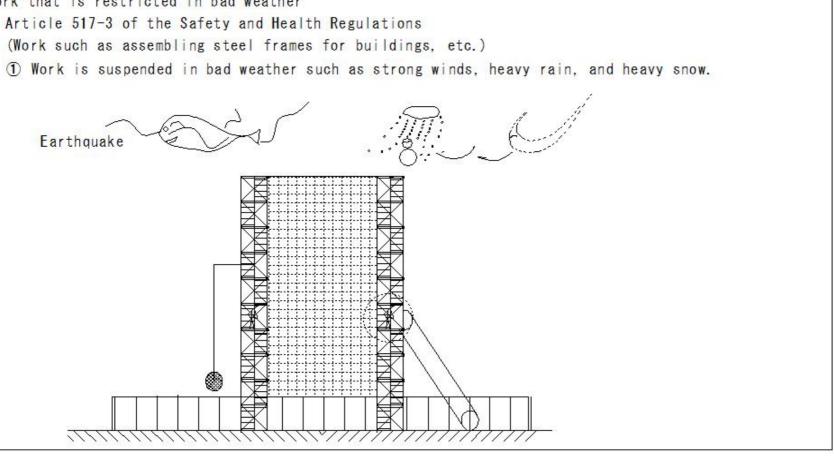
① Work is suspended in bad weather such as strong winds, heavy rain, and heavy snow.



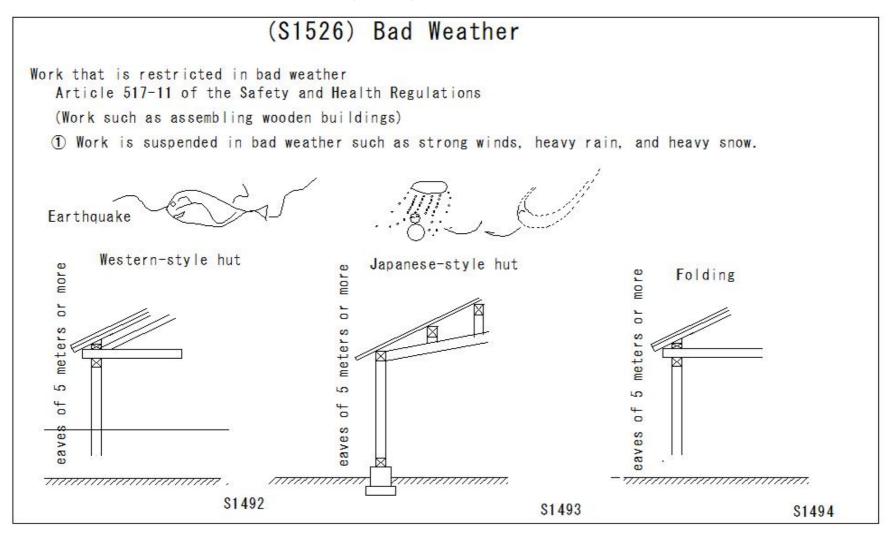
(S1525) Bad Weather

(S1525) Bad Weather

Work that is restricted in bad weather



(S1526) Bad Weather



(S1527) Bad Weather

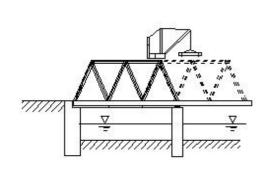
(S1527) Bad Weather

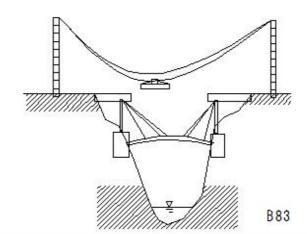
Work that is restricted in bad weather
Article 517-7 of the Safety and Health Regulations
(Work such as erecting steel bridges)

① Work is suspended in bad weather such as strong winds, heavy rain, and heavy snow.

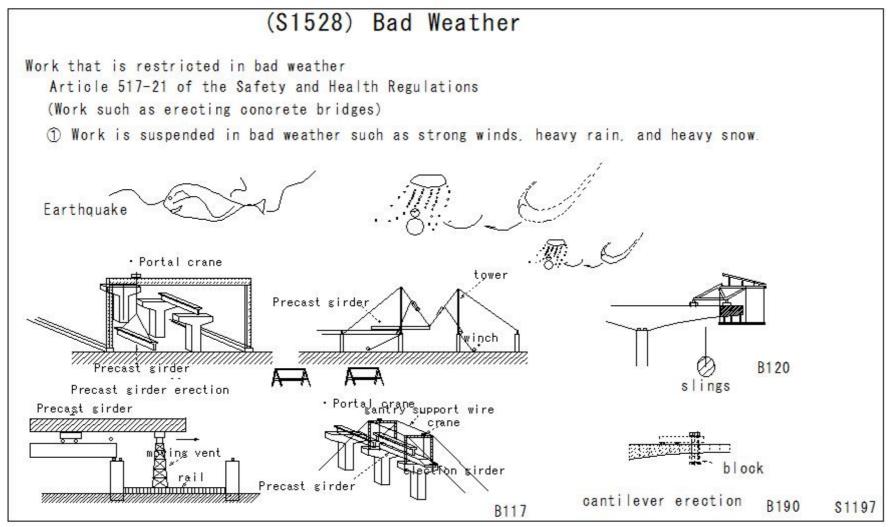




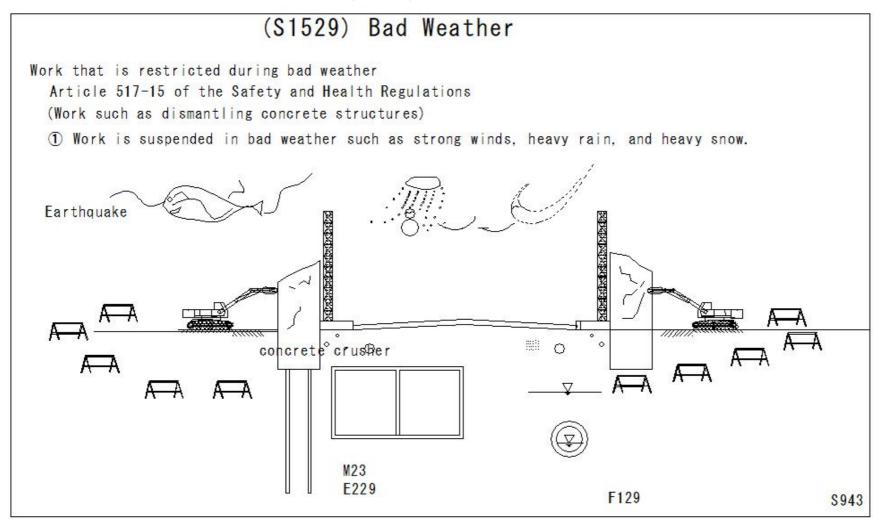




(S1528) Bad Weather



(S1529) Bad Weather



(S1530) Bad Weather

(S1530) Bad Weather

Work that is restricted during bad weather

Article 522 of the Safety and Health Regulations

(Work prohibited in bad weather)

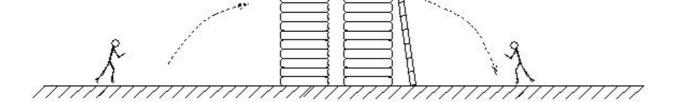
- O Work at a height of more than two meters
- ① Work is suspended in bad weather such as strong winds, heavy rain, and heavy snow.

(Work prohibited in bad weather)

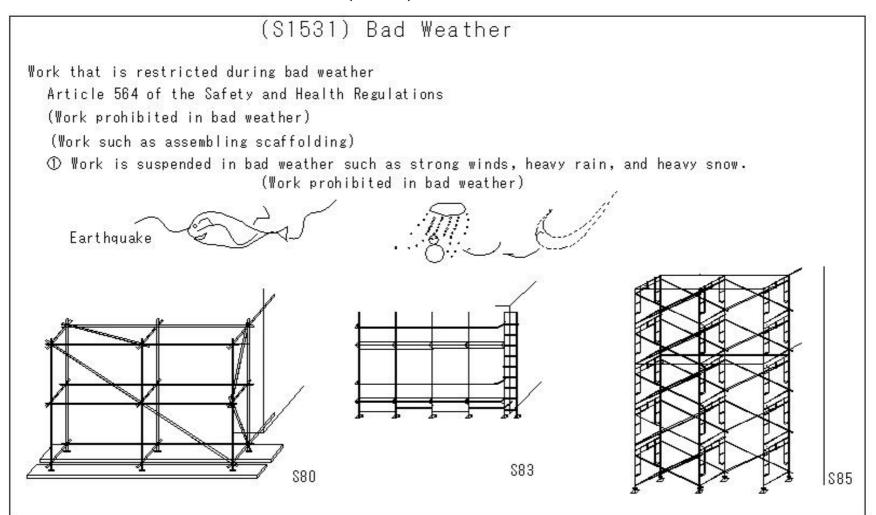
Earthquake

Piling, demolition, etc.

2 meters moore



(S1531) Bad Weather



(S1532) Bad Weather

(S1532) Bad Weather

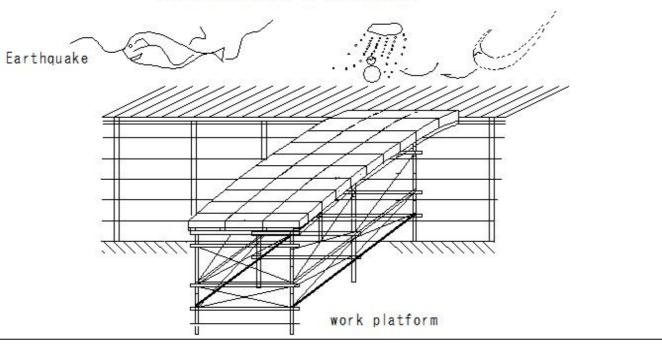
Work that is restricted during bad weather

Article 575-7 of the Safety and Health Regulations

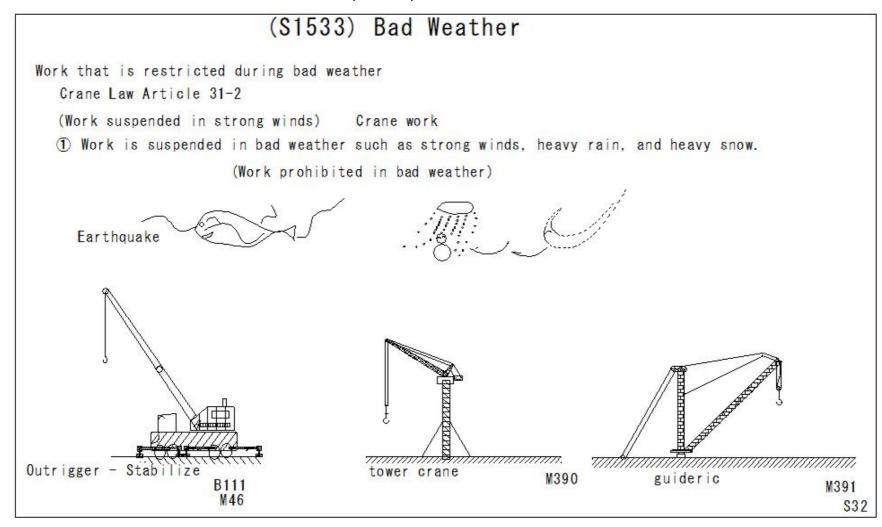
Work such as assembling a work platform

① Work is suspended in bad weather such as strong winds, heavy rain, and heavy snow.

(Work prohibited in bad weather)



(S1533) Bad Weather



(S1534) Bad Weather

(S1534) Bad Weather

Work that is restricted during bad weather

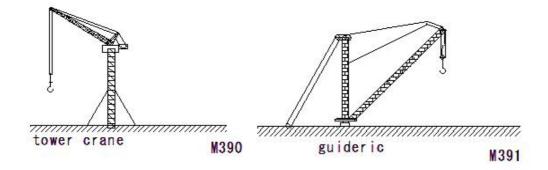
Crane Law Article 33

(assembly, etc.)

1) Work is suspended in bad weather such as strong winds, heavy rain, and heavy snow.

(Work prohibited in bad weather)





(S1535) Bad Weather

(S1535) Bad Weather

Work that is restricted during bad weather

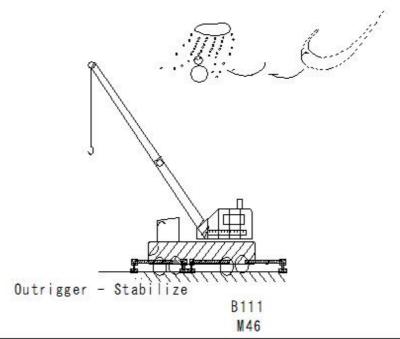
Crane Law Article 74-3

Strong winds

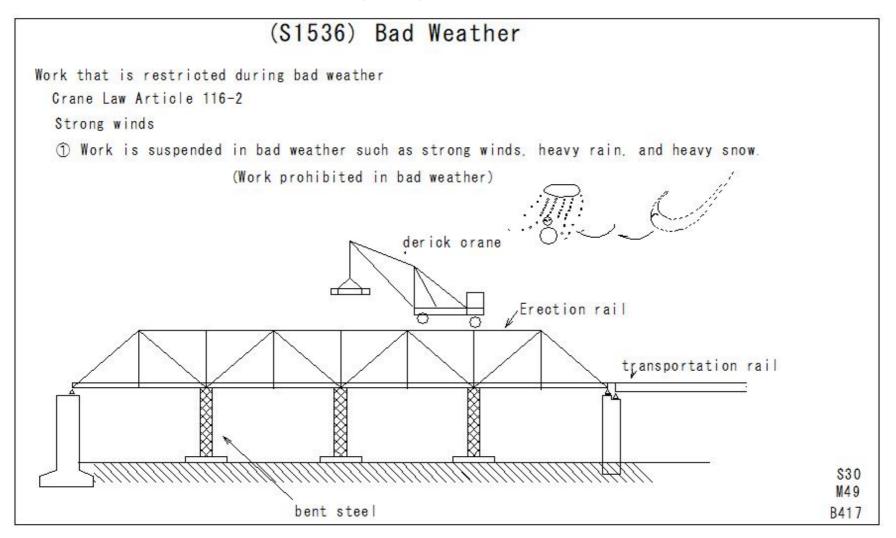
Mobile crane

① Work is suspended in bad weather such as strong winds, heavy rain, and heavy snow.

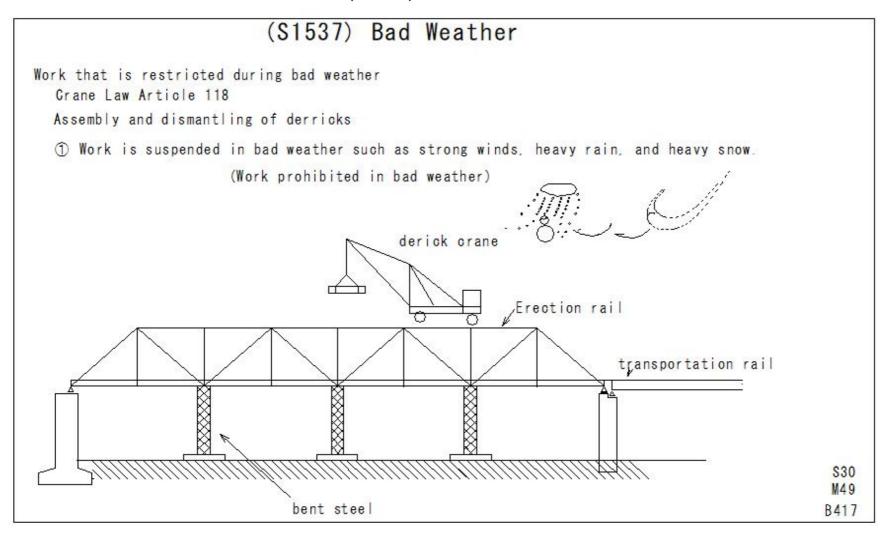
(Work prohibited in bad weather)



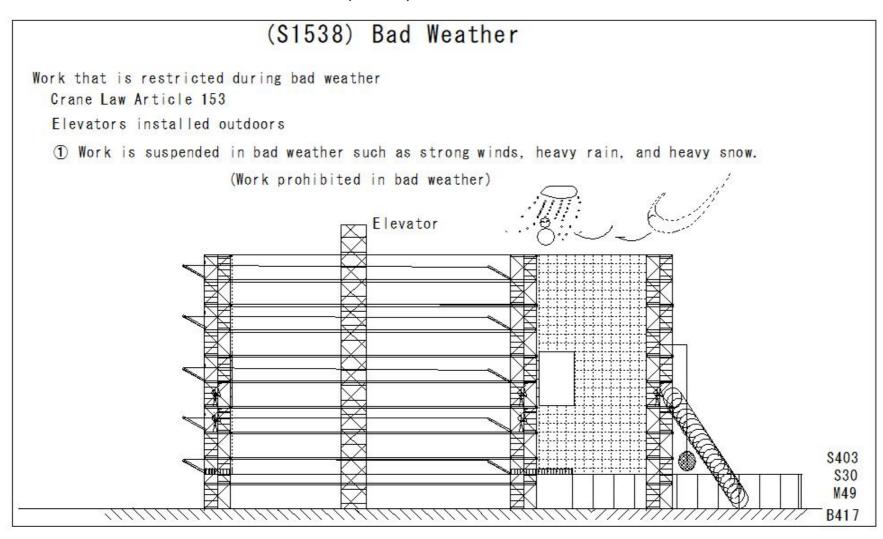
(S1536) Bad Weather



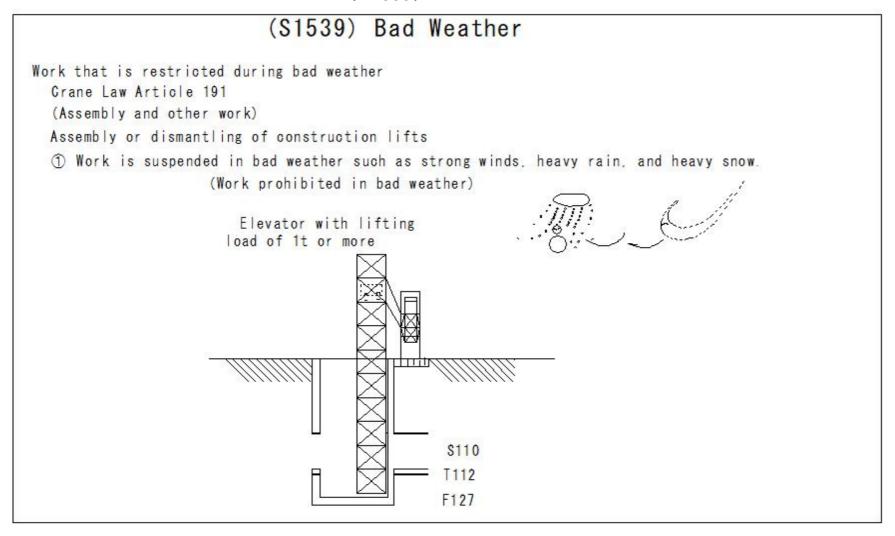
(S1537) Bad Weather



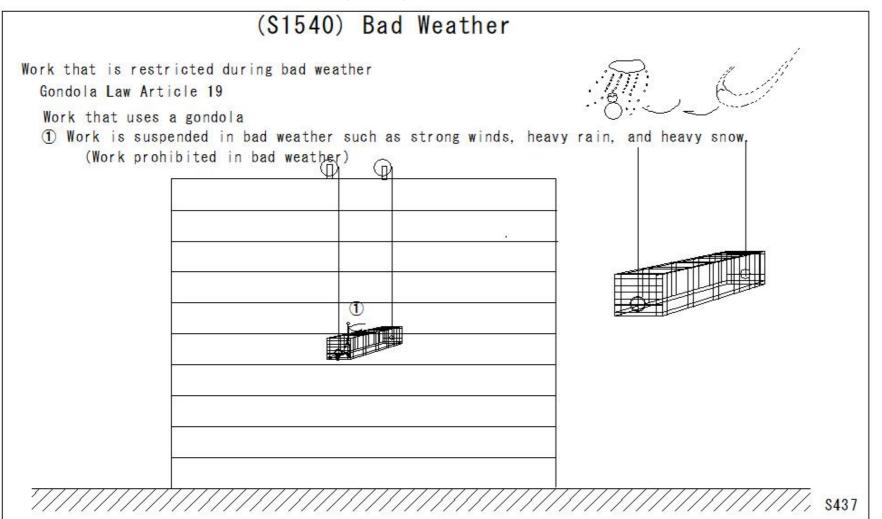
(S1538) Bad Weather



(S1539) Bad Weather



(S1540) Bad Weather



(S1541) Bad Weather

(S1541) Bad Weather

Work that is restricted during bad weather

- ① Strong wind: Wind with an average wind speed of 10 m/s or more over 10 minutes
- 2 Heavy rain (rainfall of 50 mm or more in one go)
- 3 Heavy snow: When rainfall is expected to be 25 cm or more in one go
- 4 Storm: "Very strong wind" refers to wind speeds of 20 m/s to 30 m/s.
- ⑤ Moderate earthquake: Earthquake with a seismic intensity of 4 or higher

Earthquake

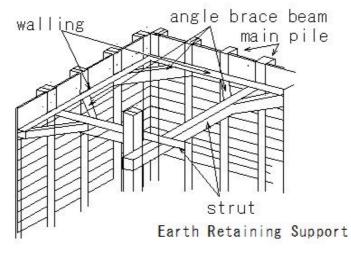
(S1542) Bad Weather

(S1542) Bad Weather

Work that requires inspection during bad weather or after natural disasters Article 373 of the Safety and Health Regulations Inspection of retaining supports



Inspection



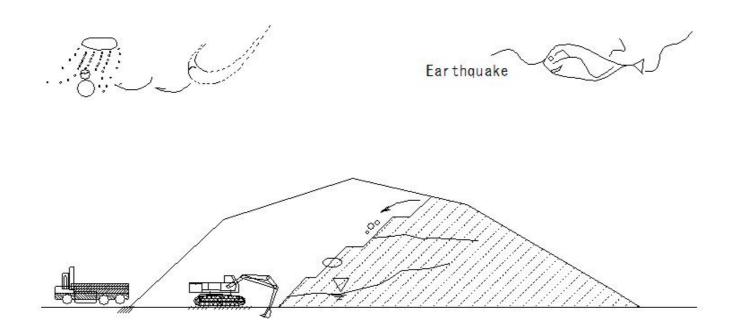
E244

(S1543) Bad Weather

(S1543) Bad Weather

Work that requires inspection during bad weather or after natural disasters

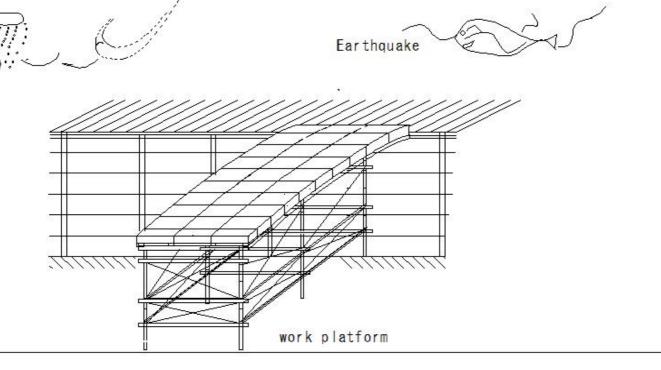
Article 358 of the Safety and Health Regulations
In case of performing open excavation work, inspection of the ground



(S1544) Bad Weather

(S1544) Bad Weather

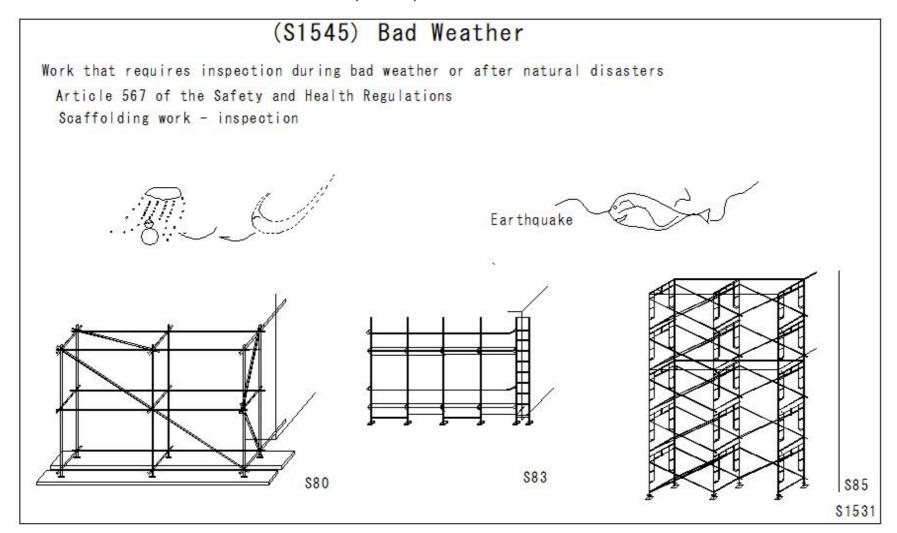
Work that requires inspection during bad weather or after natural disasters Article 575-8 of the Safety and Health Regulations (Inspection of work platforms)



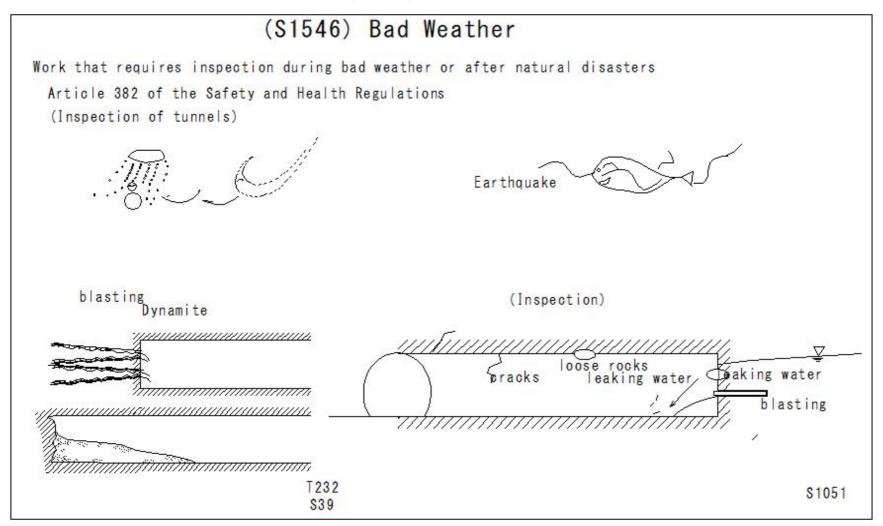
\$109

\$1532

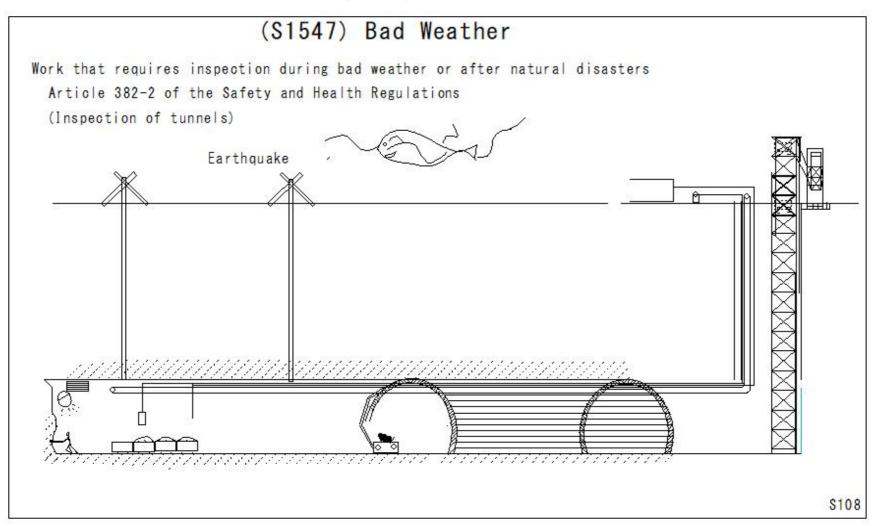
(S1545) Bad Weather



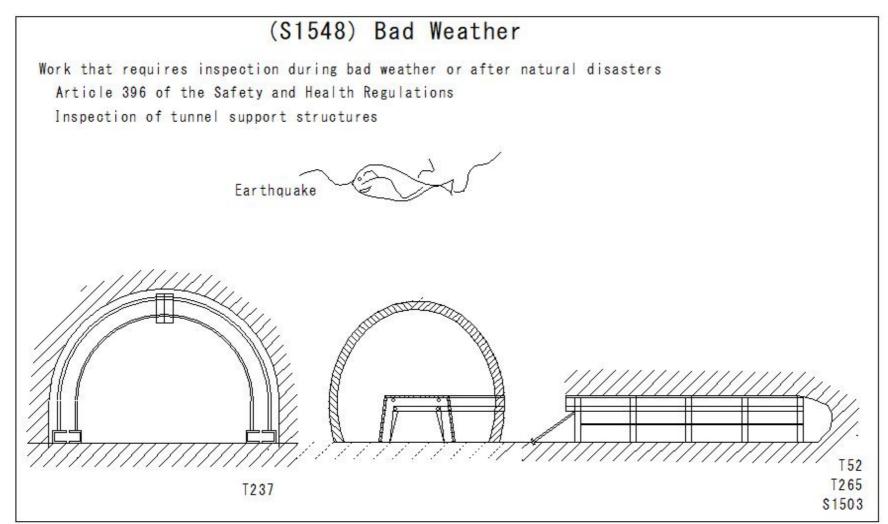
(S1546) Bad Weather



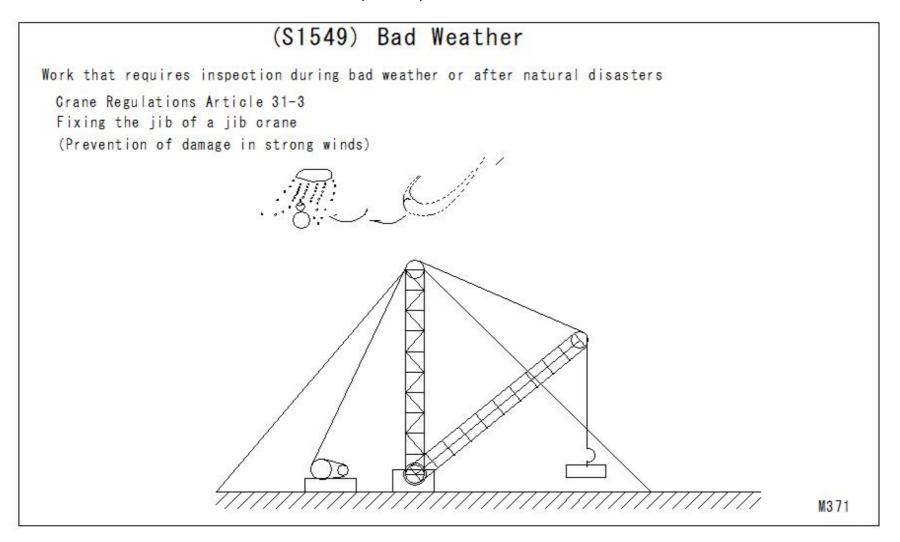
(S1547) Bad Weather



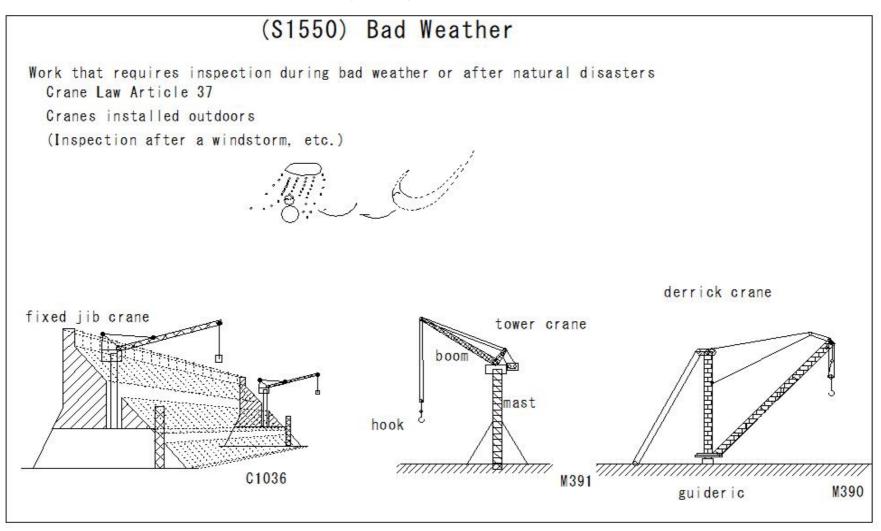
(S1548) Bad Weather



(S1549) Bad Weather



(S1550) Bad Weather



(S1551) Bad Weather

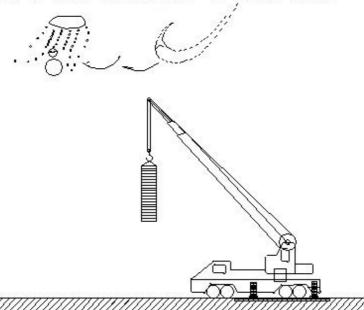
(S1551) Bad Weather

Work that requires inspection during bad weather or after natural disasters

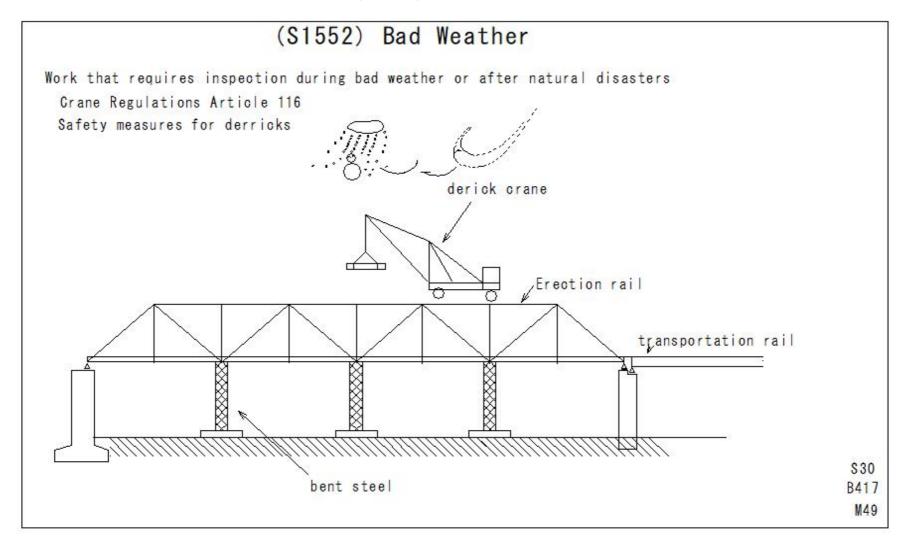
Crane regulations, Article 74-4

Position of outriggers

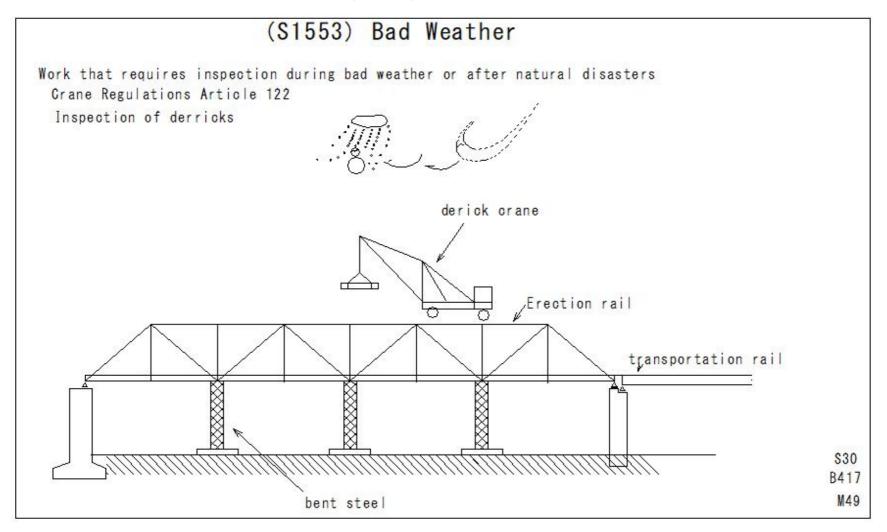
Stop work in strong winds, prevent tipping over in strong winds.



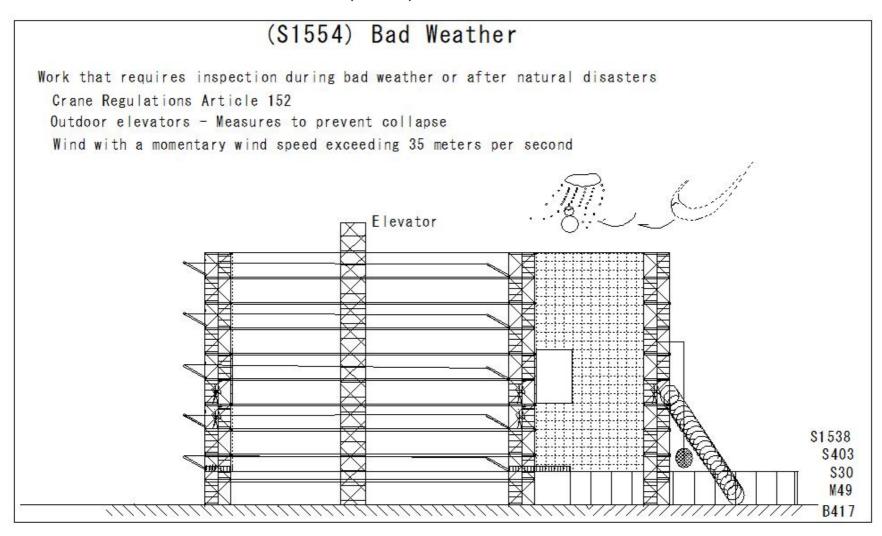
(S1552) Bad Weather



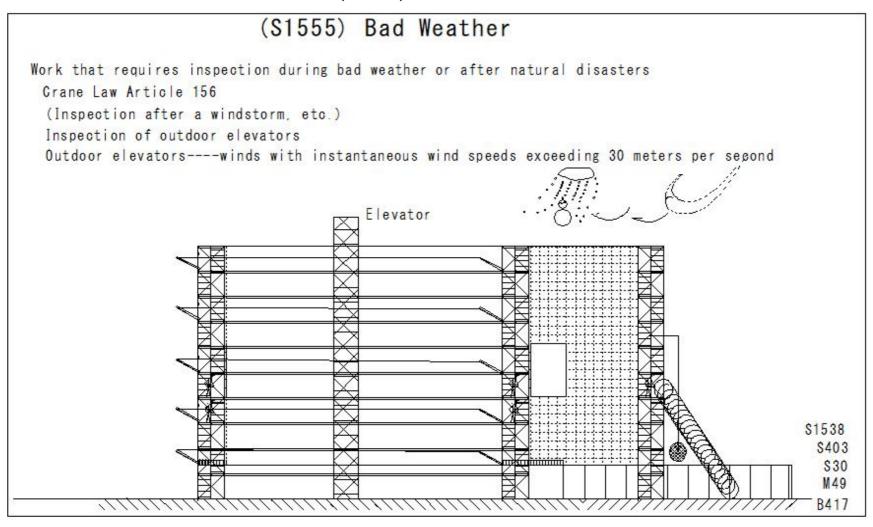
(S1553) Bad Weather



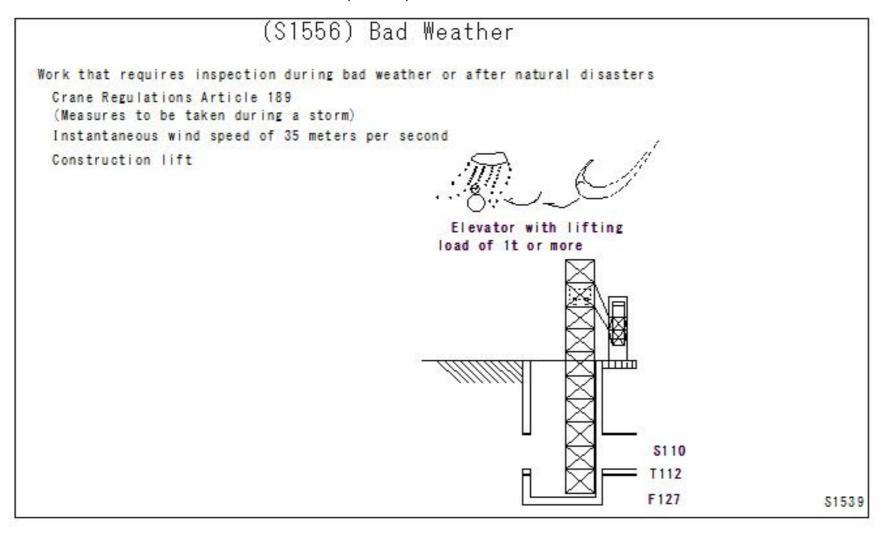
(S1554) Bad Weather



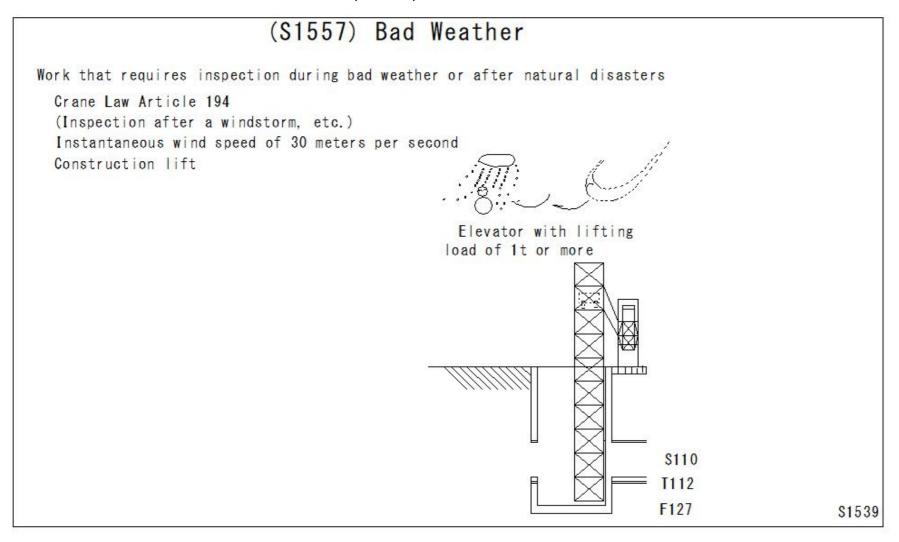
(S1555) Bad Weather



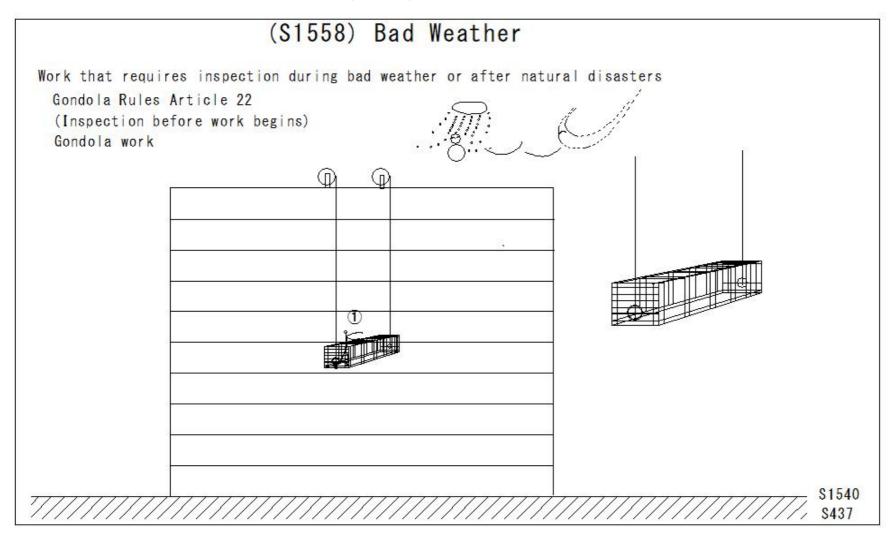
(S1556) Bad Weather



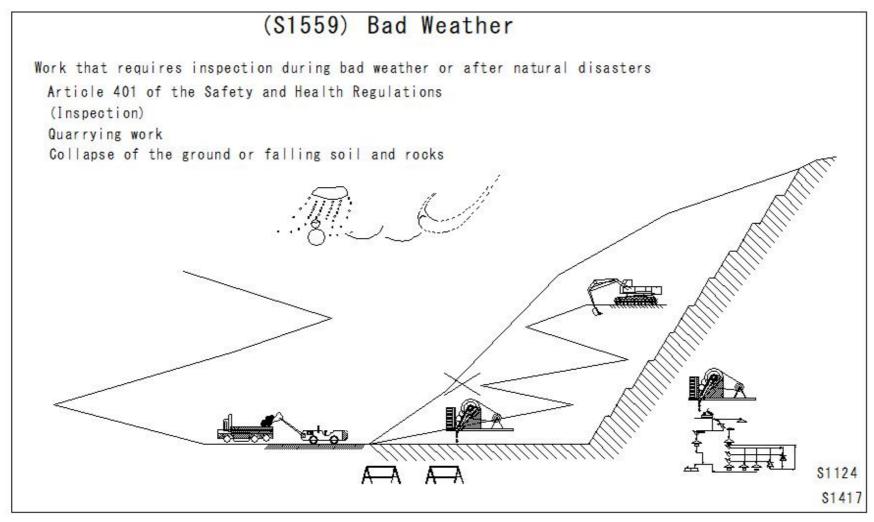
(S1557) Bad Weather



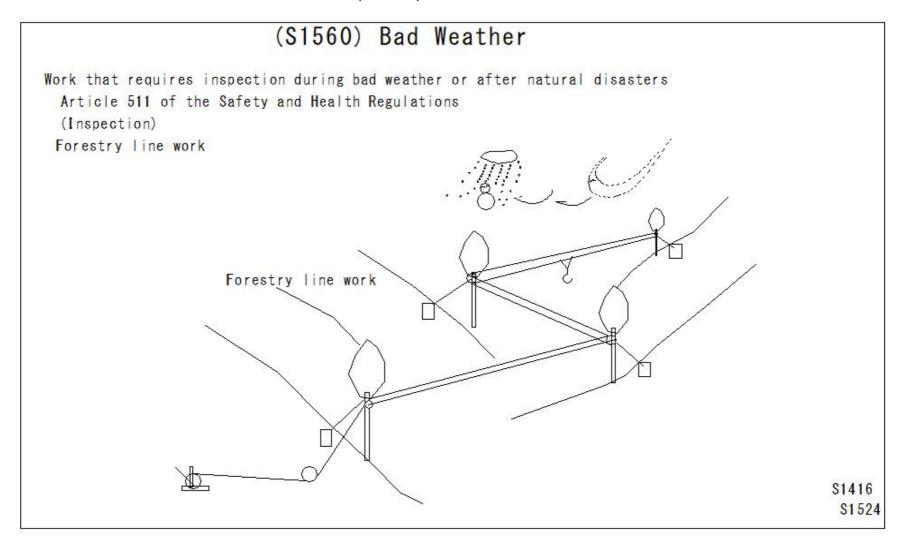
(S1558) Bad Weather



(S1559) Bad Weather



(S1560) Bad Weather



(S1561) Illumination

(S1561) Illumination

Illuminance in the workplace

Article 604 of the Safety and Health Regulations

(Illuminance)

Classification of work Standards:

Precise work 300 lux or more
Normal work 150 lux or more
Rough work 70 lux or more

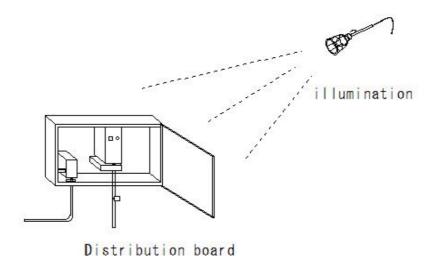


(S1562) Illumination

(S1562) Illumination

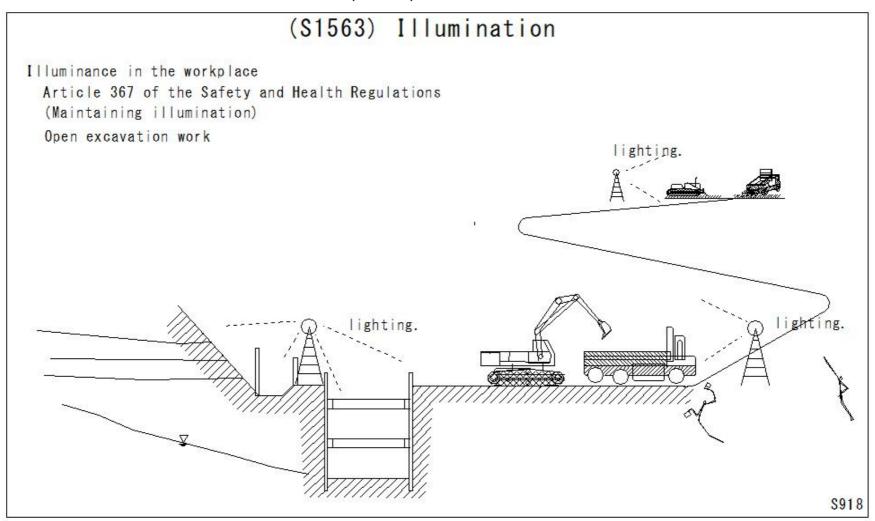
Illuminance in the workplace

Article 335 of the Safety and Health Regulations
(Illuminance in the operating parts of electrical machinery and equipment)
Operation of electrical machinery and equipment

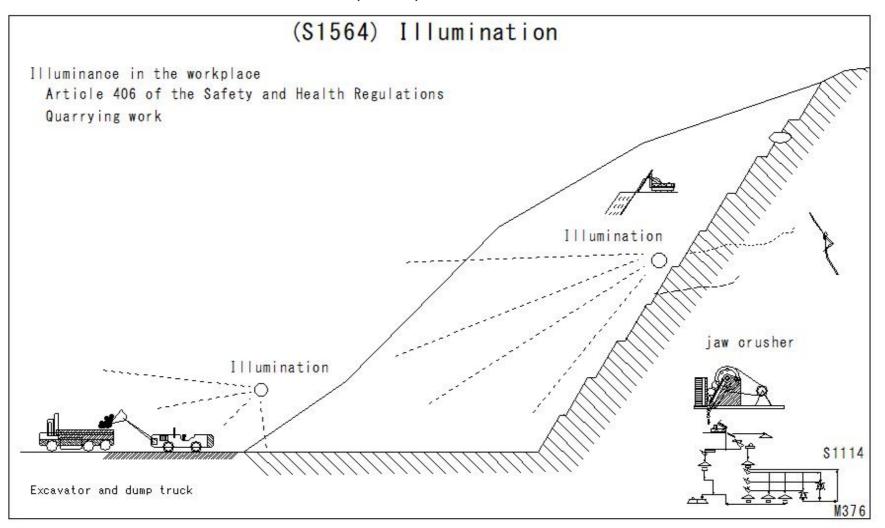


\$690

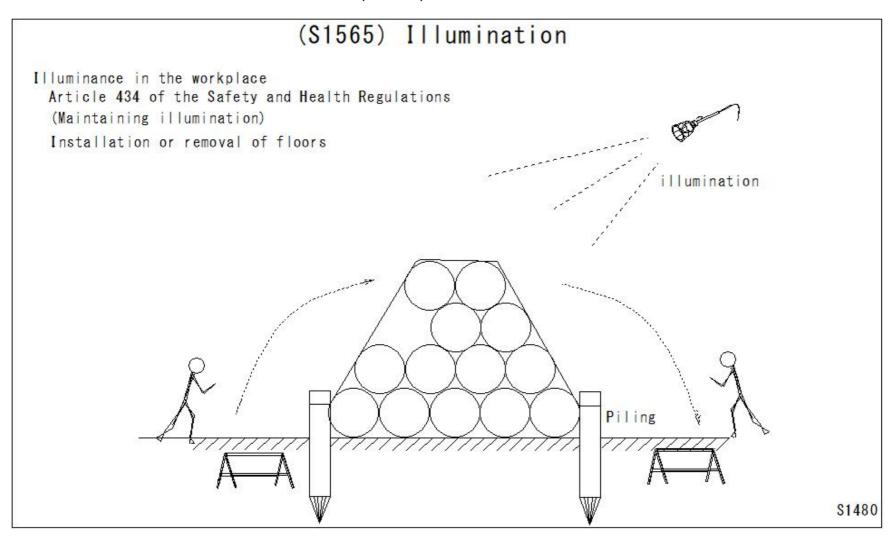
(S1563) Illumination



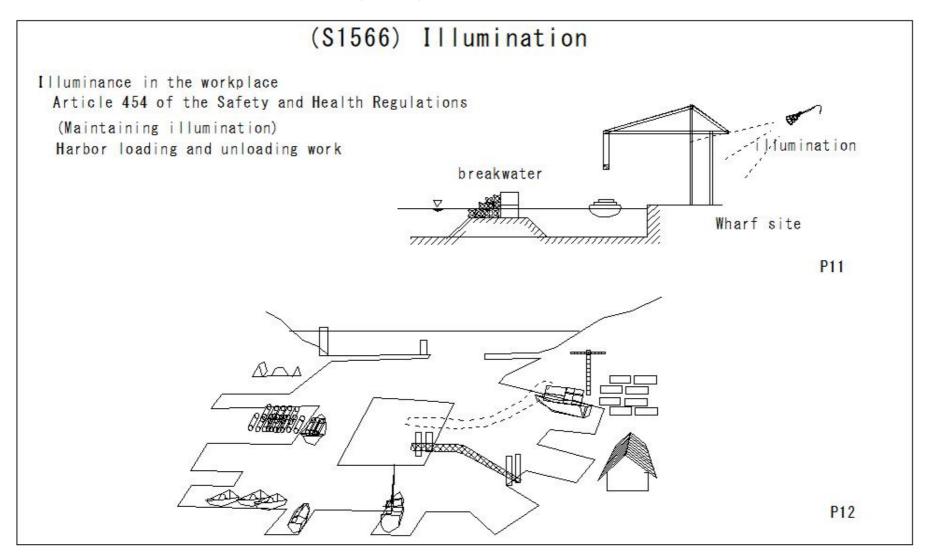
(S1564) Illumination



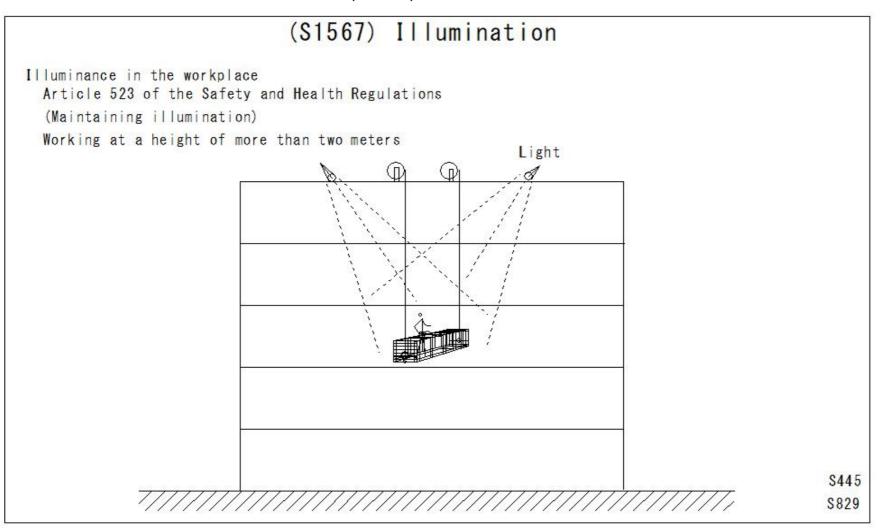
(S1565) Illumination



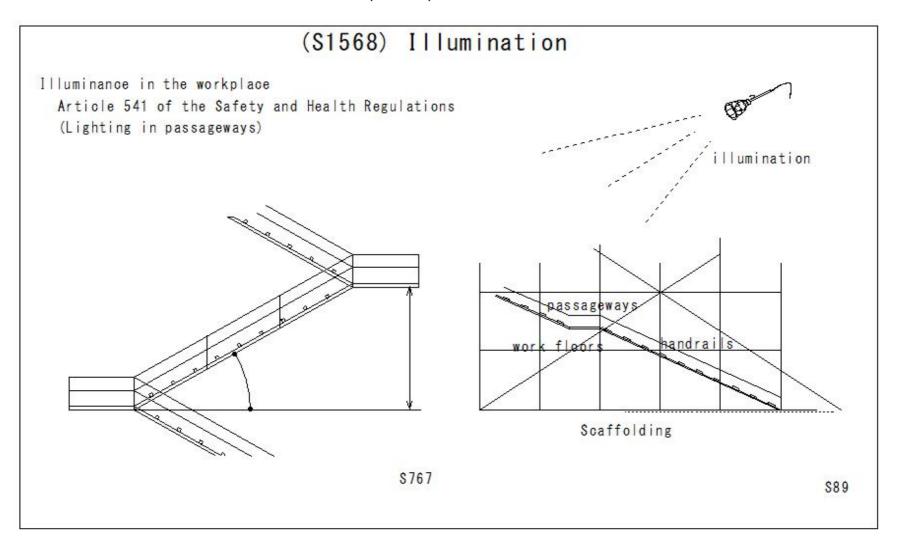
(S1566) Illumination



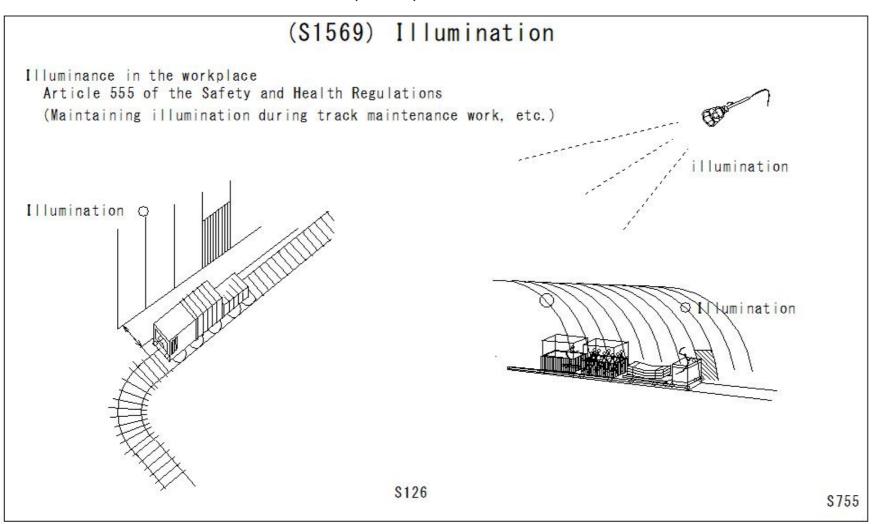
(S1567) Illumination



(S1568) Illumination



(S1569) Illumination



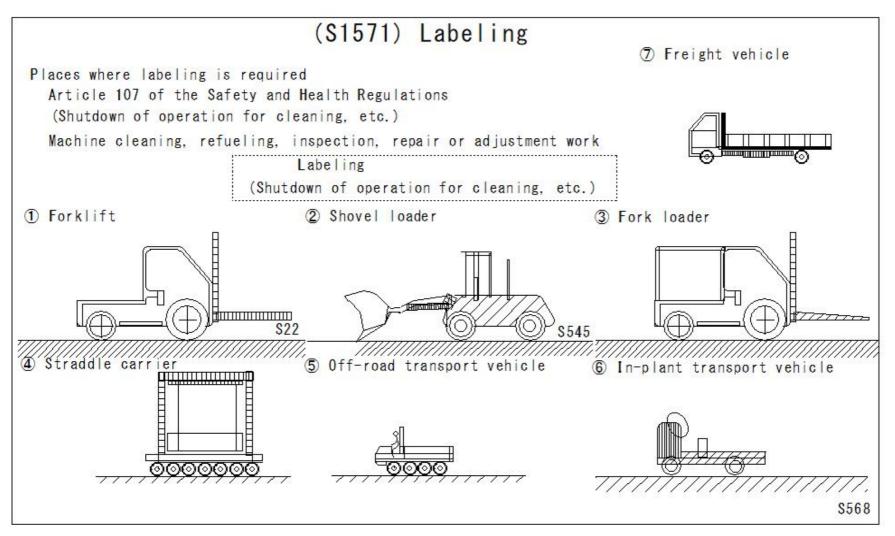
(S1570) Labeling

(S1570) Labeling Places where labeling is required Article 35 of the Industrial Safety and Health Act Duty tons Freight vehicles Labeling Duty tons Over 1 ton

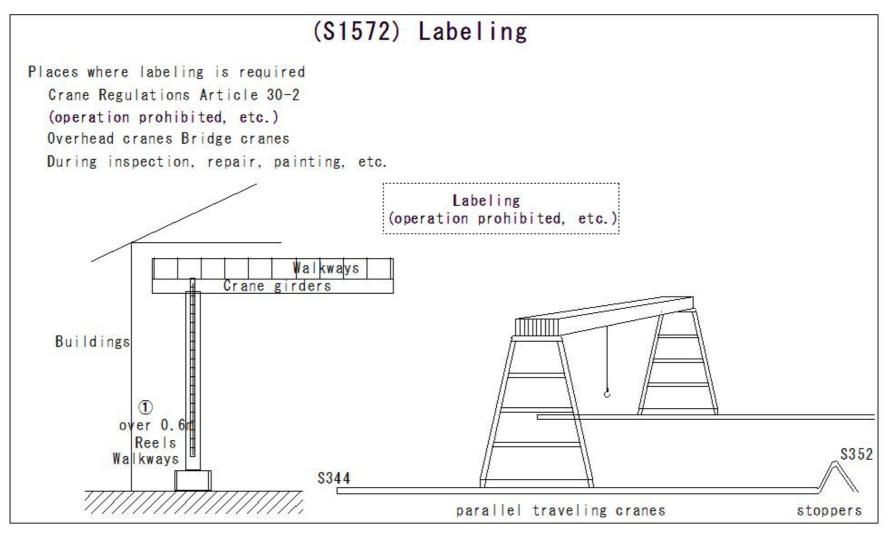
Freight vehicle

\$622

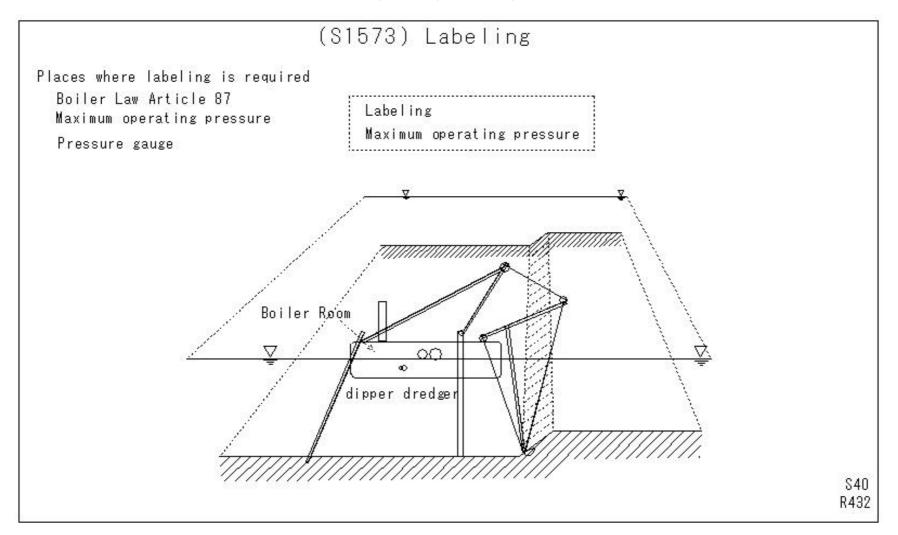
(S1571) Labeling



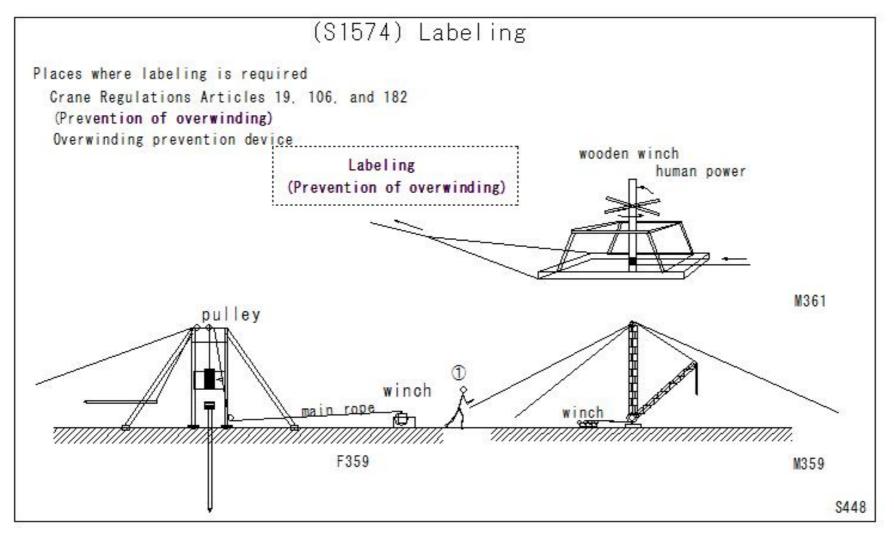
(S1572) Labeling



(S1573) Labeling



(S1574) Labeling



(S1575) Labeling

(S1575) Labeling

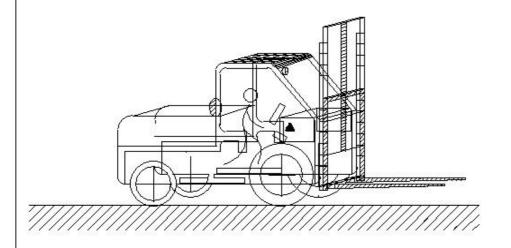
Places where labeling is required

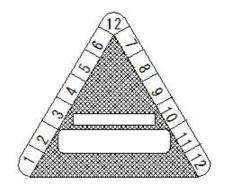
151-24 of the Industrial Safety and Health Ordinance

Specific self-inspection (annual inspection)

Periodic self-inspection

Labeling Periodic self-inspection





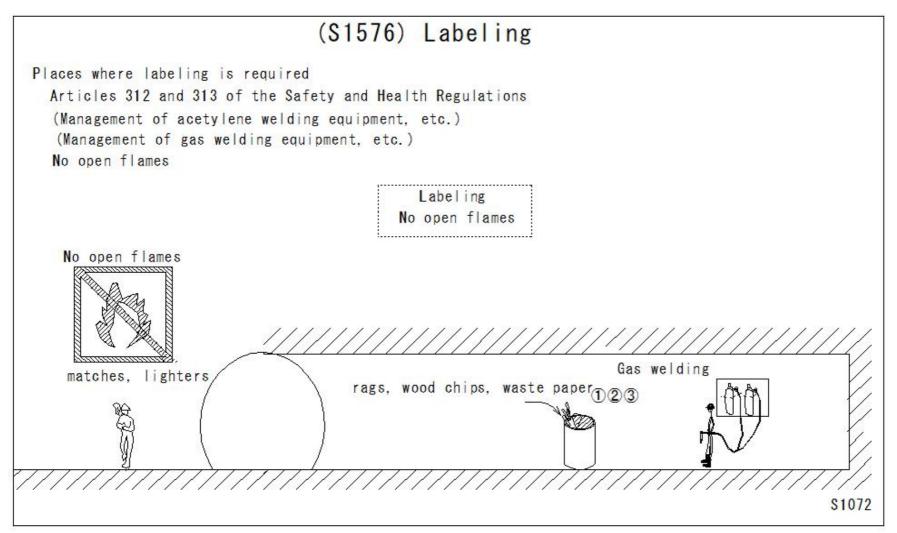
Inspection mark

Forklift

\$22

\$594

(S1576) Labeling



(S1577) Labeling

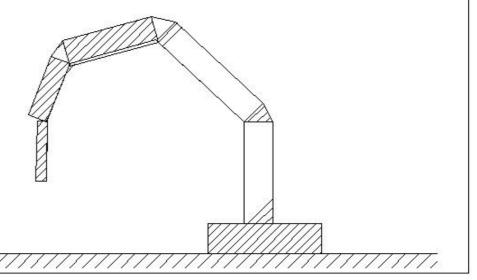
(S1577) Labeling

Places where labeling is required

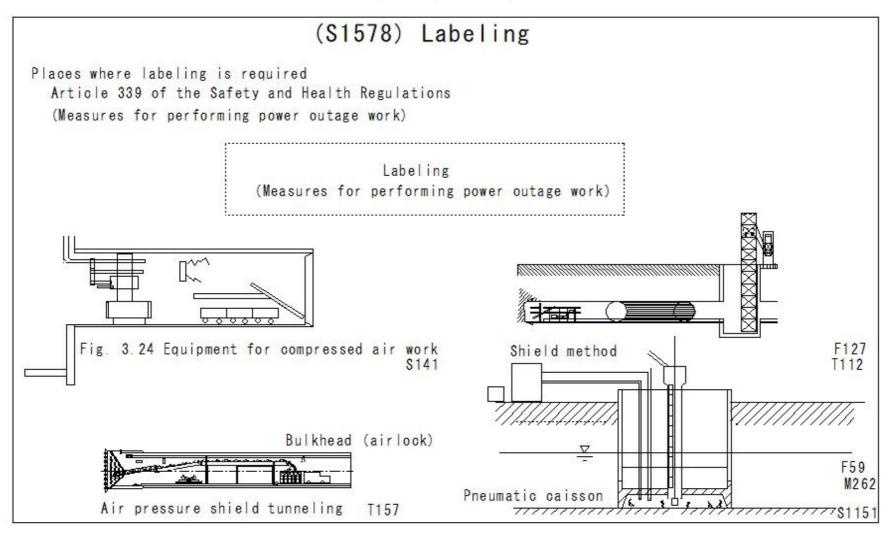
Article 150-5 of the Industrial Safety and Health Regulations Industrial robots

Inspection, repair, and adjustment of industrial robots

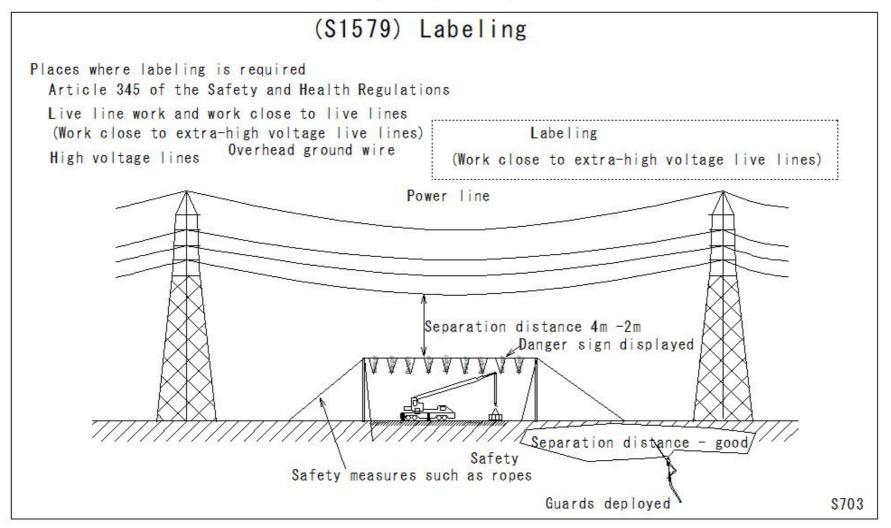
Labeling Industrial robots



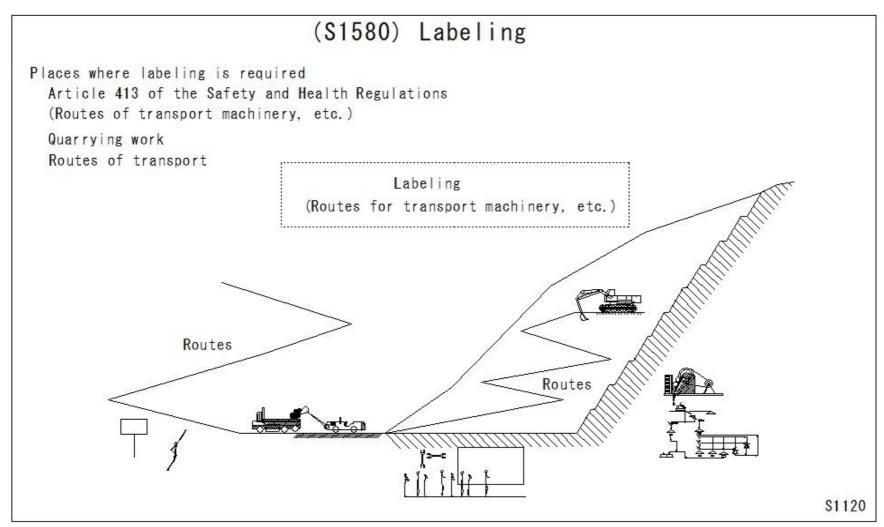
(S1578) Labeling



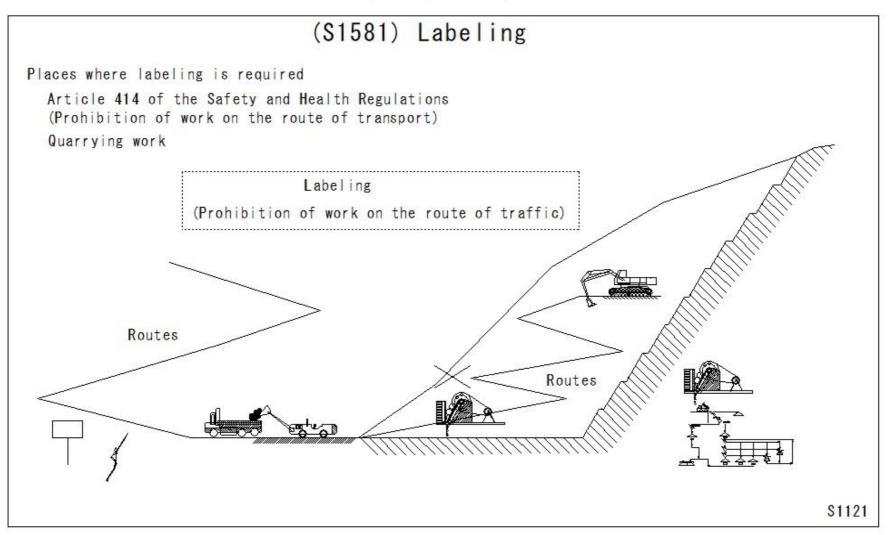
(S1579) Labeling



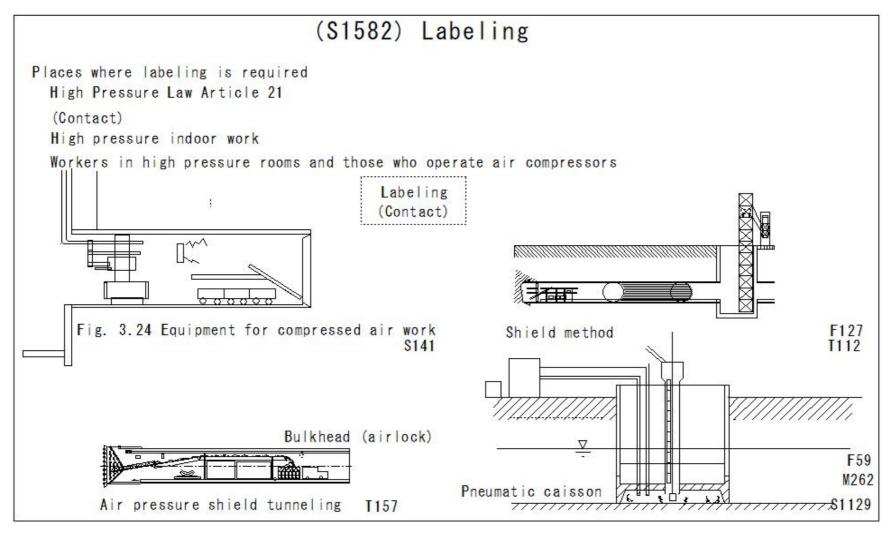
(S1580) Labeling



(S1581) Labeling



(S1582) Labeling



(S1583) Labeling

(S1583) Labeling

Places where labeling is required

High Voltage Law Article 25-2

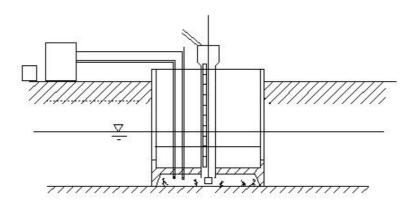
(Prevention of burns, etc.)

(No matches, lighters, etc. allowed inside)

Working inside a high voltage room

Labeling

(No matches, lighters, etc. allowed inside)

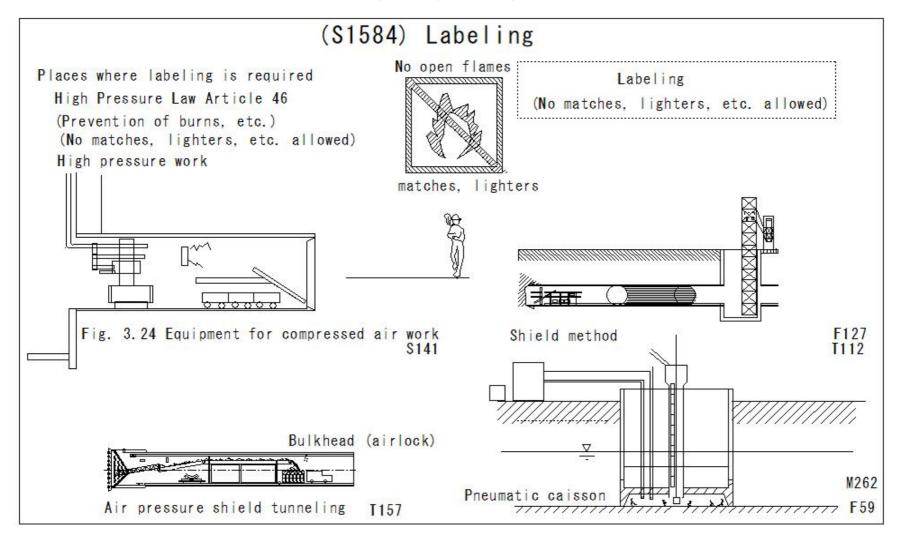


Pneumatic caisson

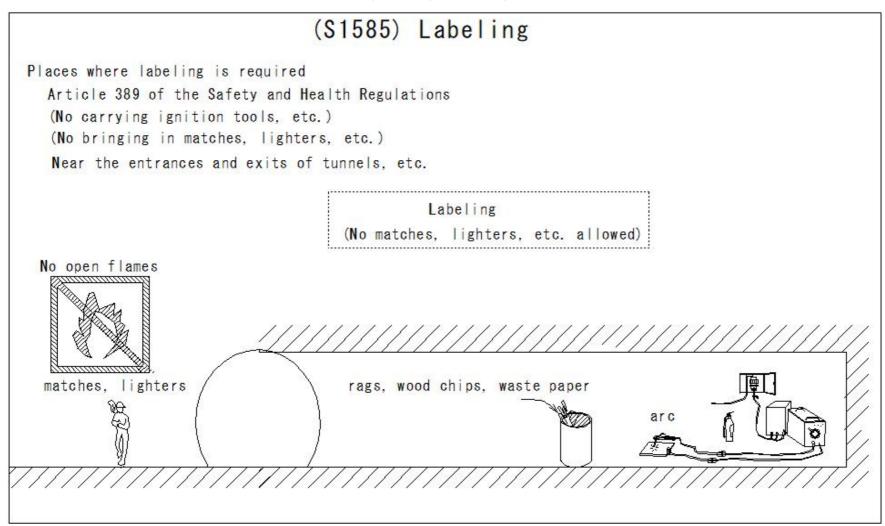
F59 M262

\$1129

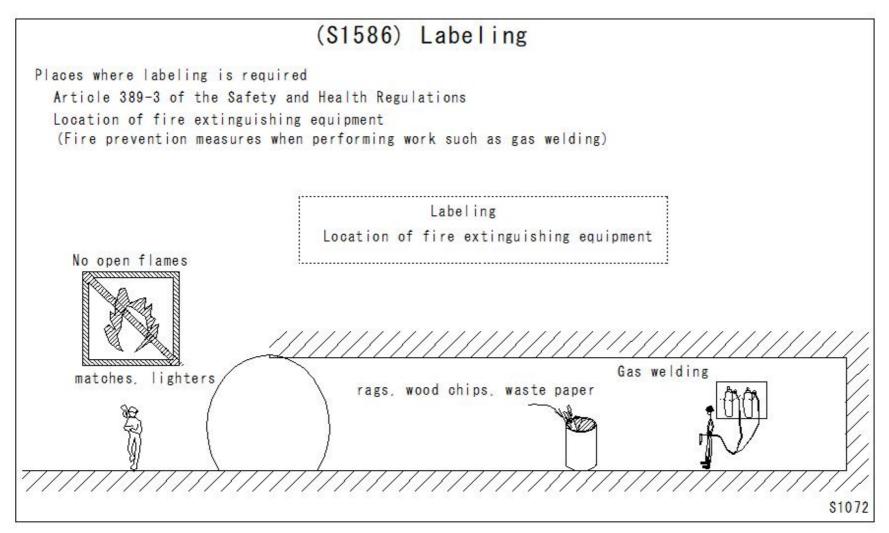
(S1584) Labeling



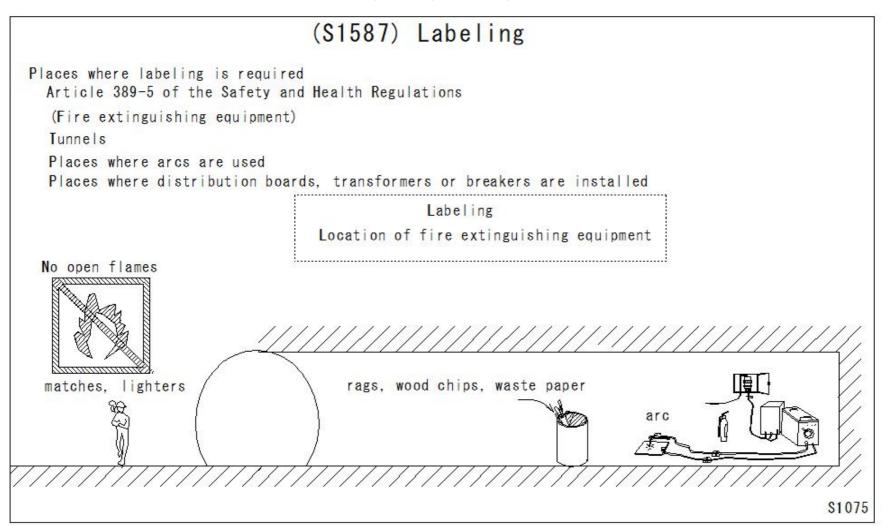
(S1585) Labeling



(S1586) Labeling



(S1587) Labeling



(S1588) Labeling

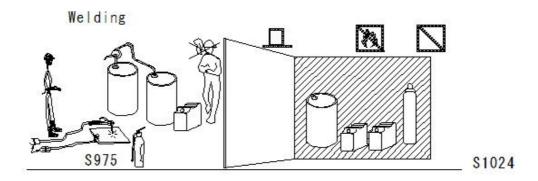
(\$1588) Labeling

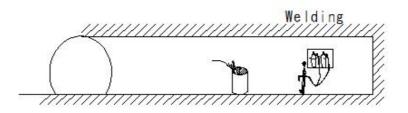
Places where labeling is required

Article 389-3 of the Safety and Health Regulations

(Fire prevention measures when performing gas welding, etc.)

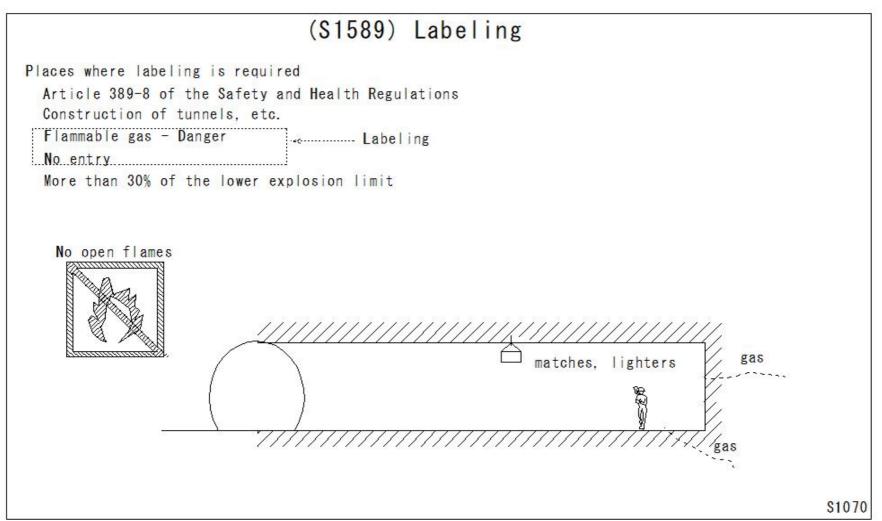
Installation location of fire extinguishing equipment and how to use it Labeling



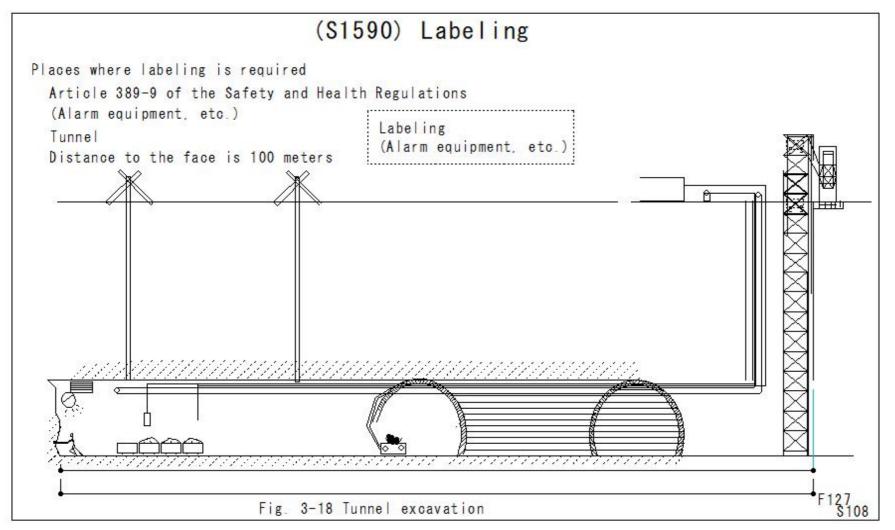


\$1073 \$1220

(S1589) Labeling



(S1590) Labeling



(S1591) Labeling

(\$1591) Labeling

Places where labeling is required

Article 389-9 of the Safety and Health Regulations
(Alarm equipment, etc.)

Communication device
Distance to the face is 500 meters

Labeling

Communication device

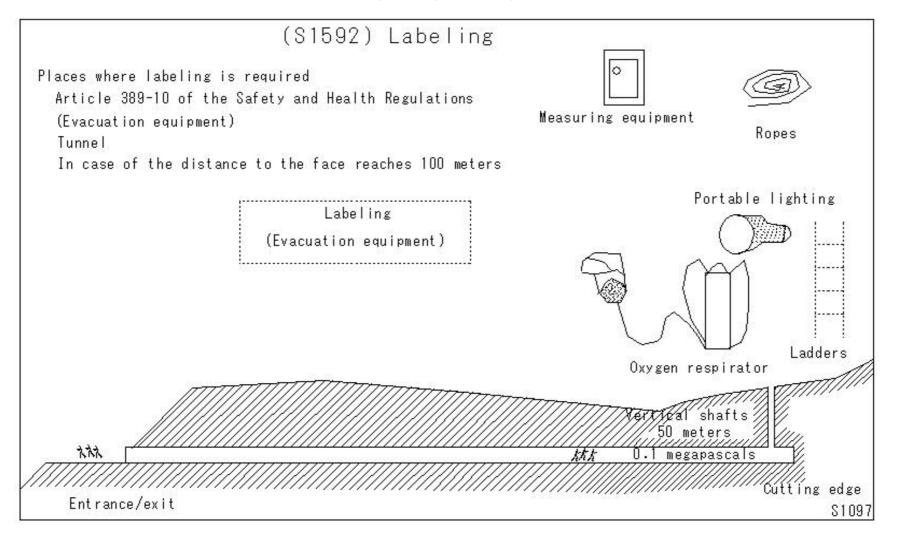
(alarm equipment) 100 meters

rock fall, flooding, gas explosion, fire

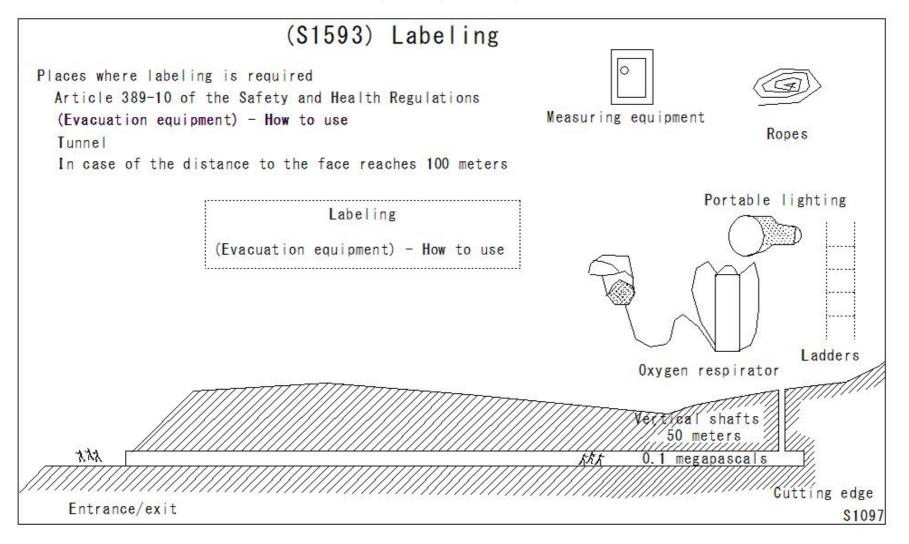
communication devices 500 meters

\$1077

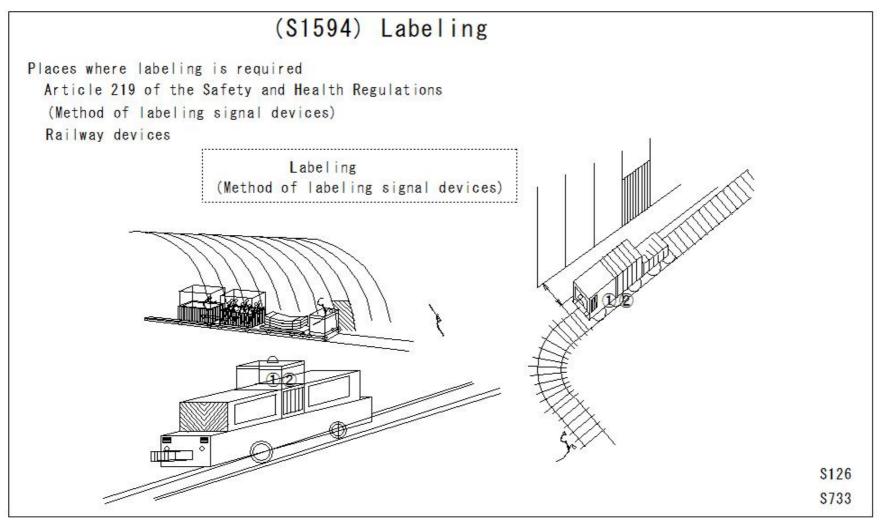
(S1592) Labeling



(S1593) Labeling



(S1594) Labeling



(S1595) Labeling

(S1595) Labeling

Places where labeling is required

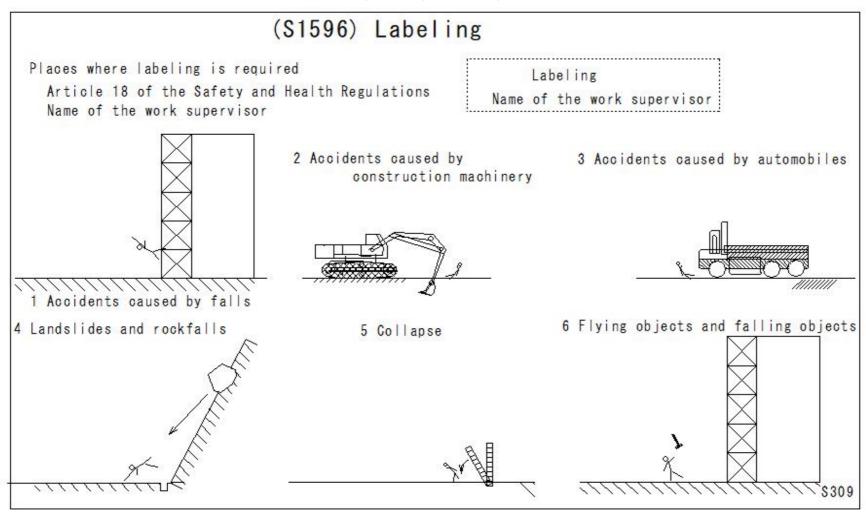
Article 12-4 of the Safety and Health Regulations
Safety and Health Promoter

Labeling Safety and Health Promoter

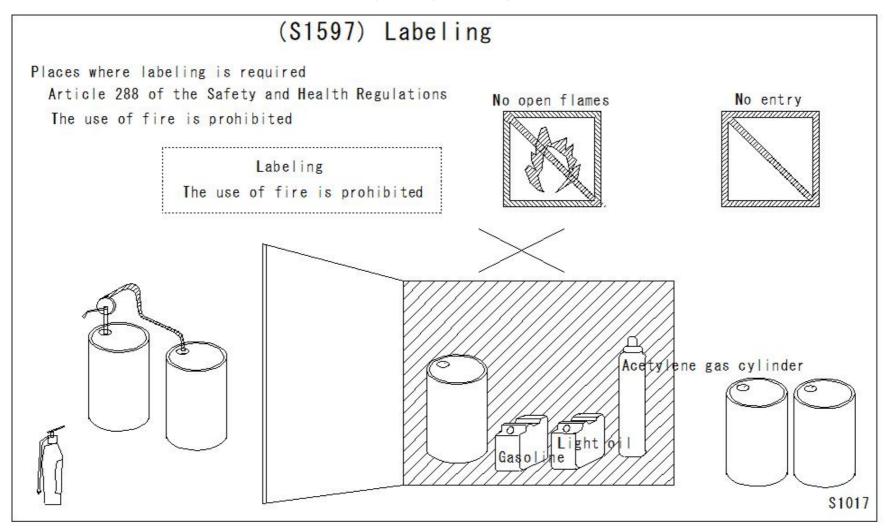


\$309

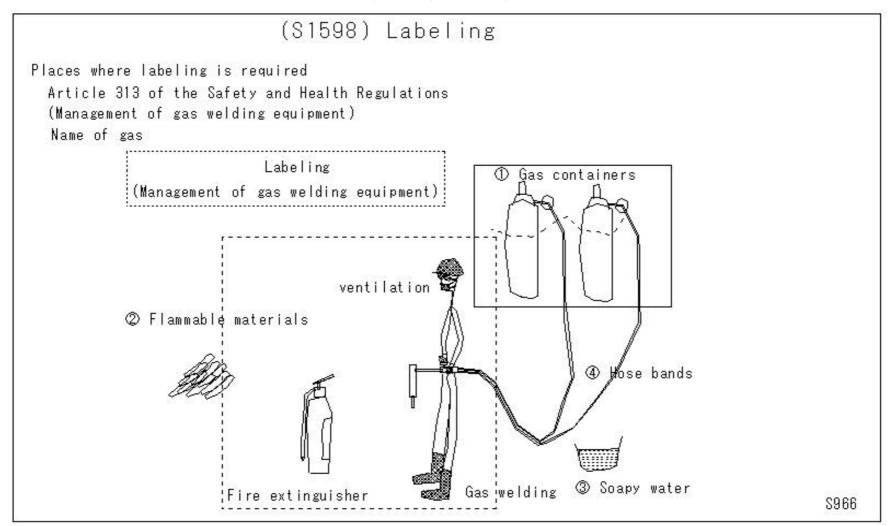
(S1596) Labeling



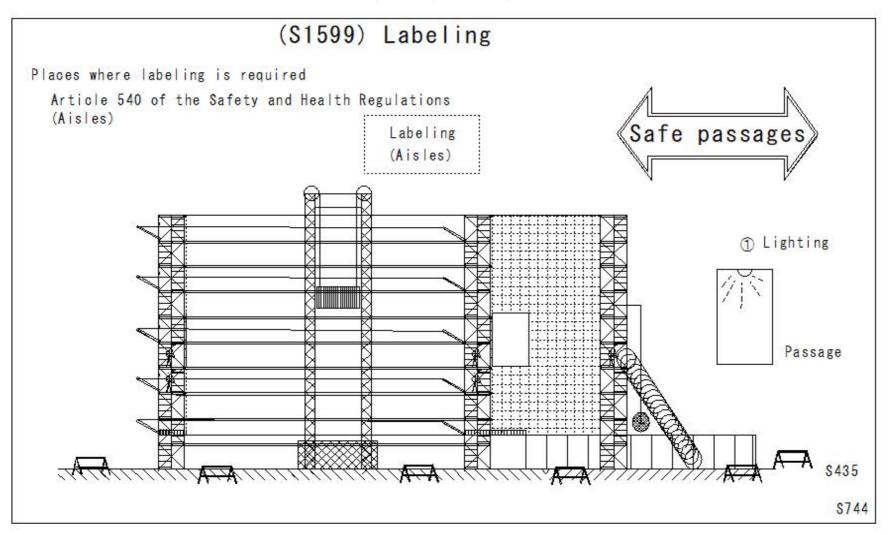
(S1597) Labeling



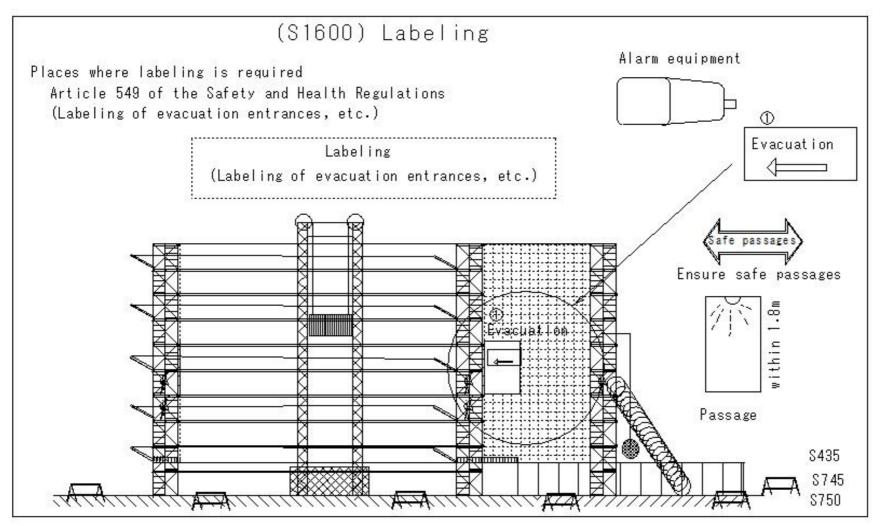
(S1598) Labeling



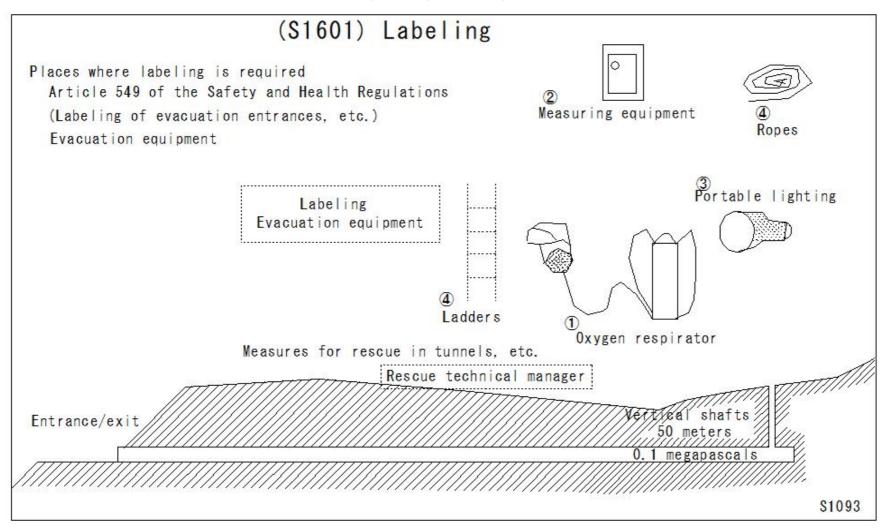
(S1599) Labeling



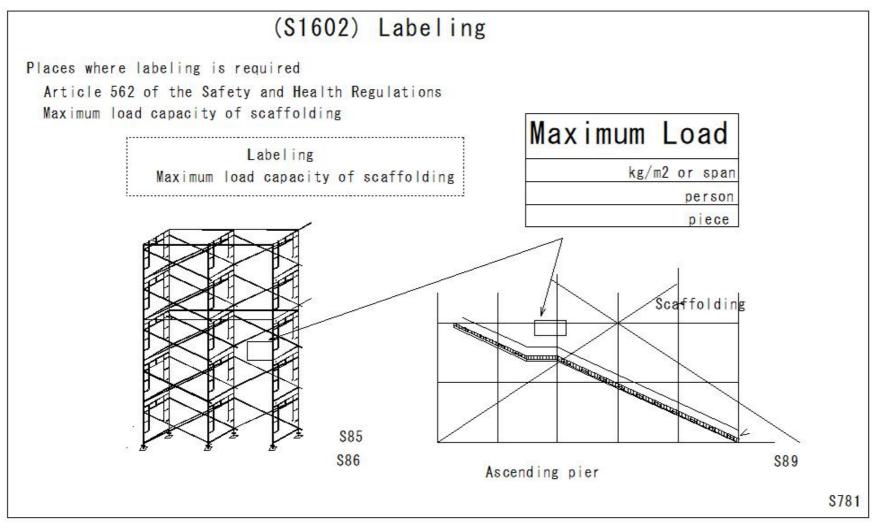
(S1600) Labeling



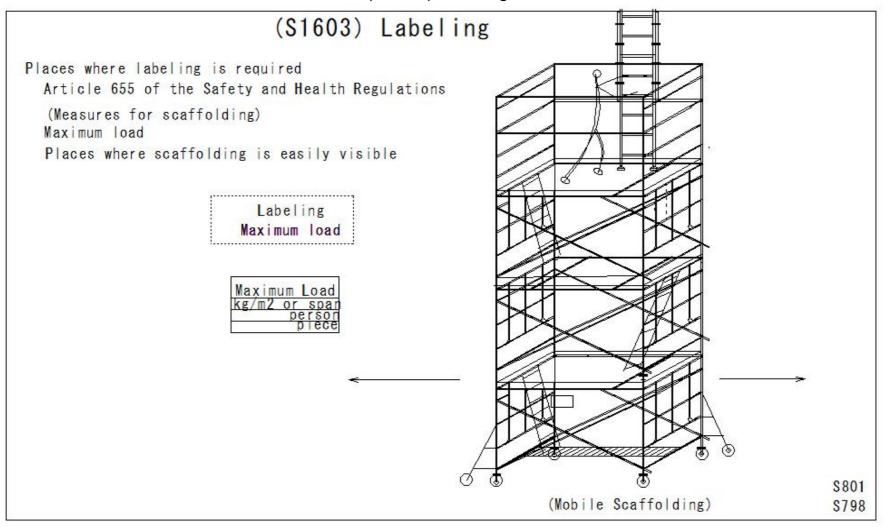
(S1601) Labeling



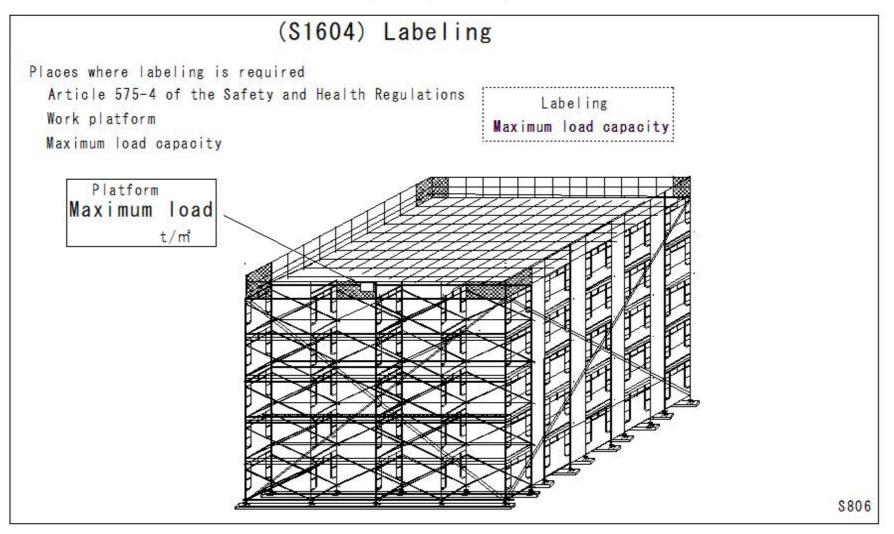
(S1602) Labeling



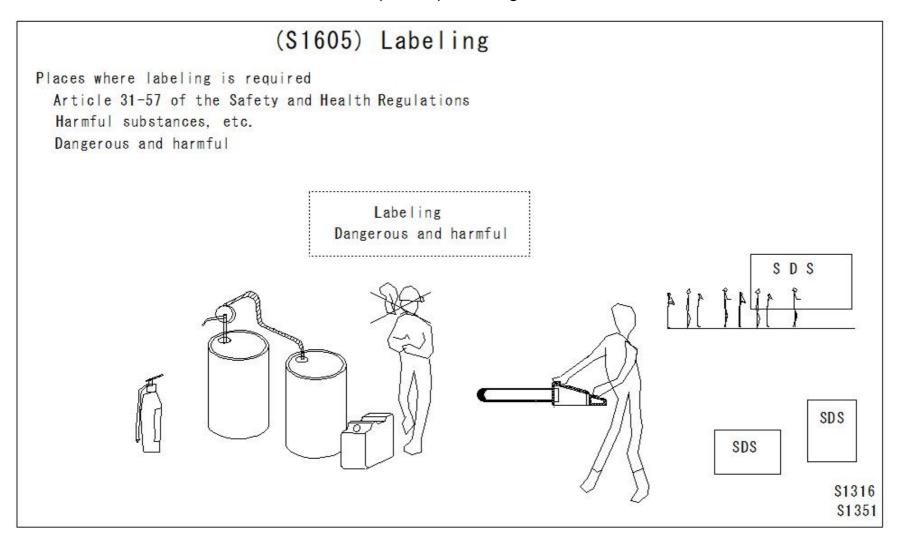
(S1603) Labeling



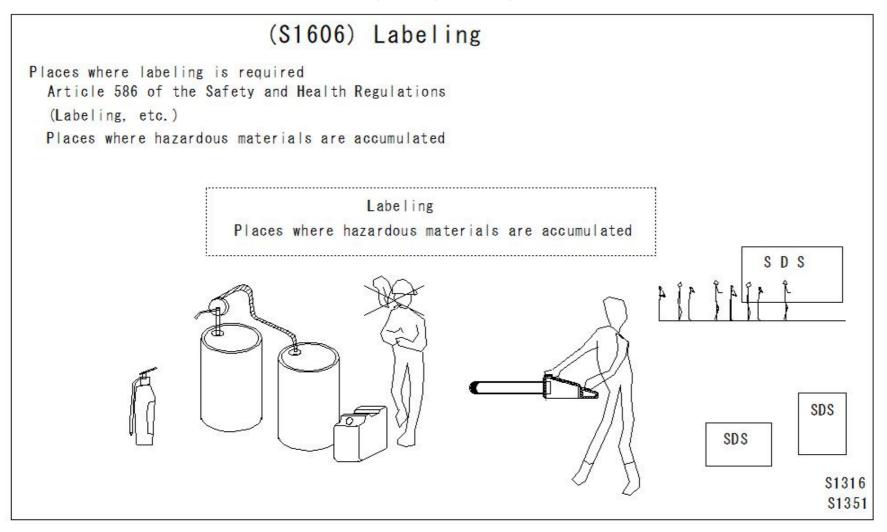
(S1604) Labeling



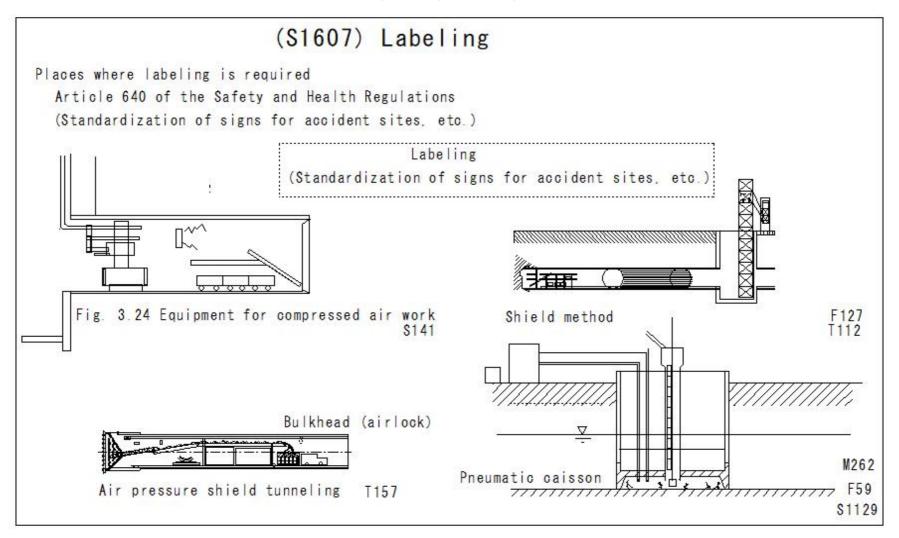
(S1605) Labeling



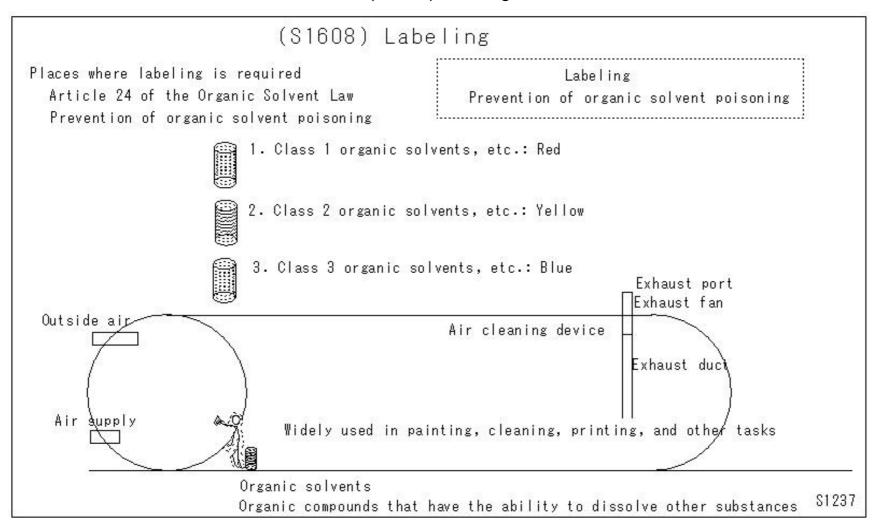
(S1606) Labeling



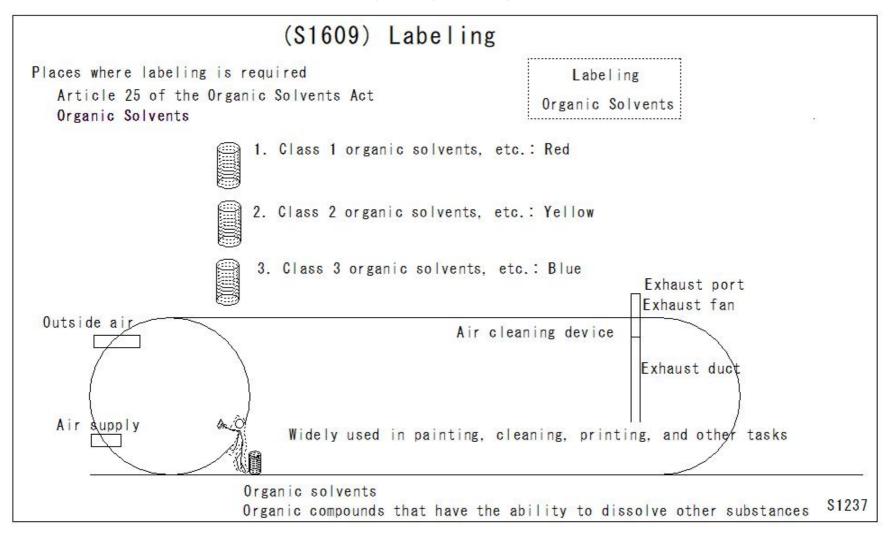
(S1607) Labeling



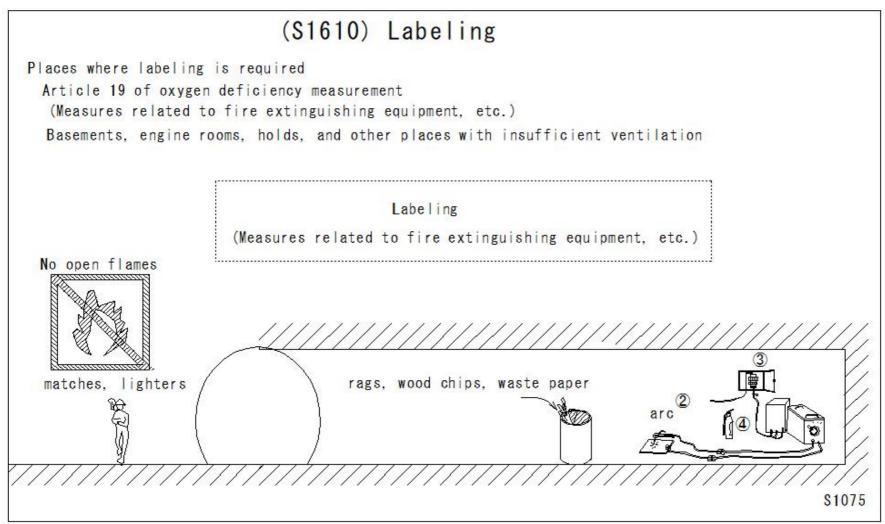
(S1608) Labeling



(S1609) Labeling



(S1610) Labeling



(S1611) Labeling

(\$1611) Labeling

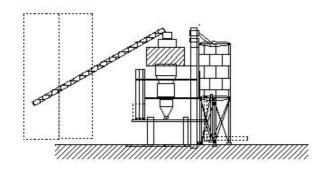
Places where labeling is required

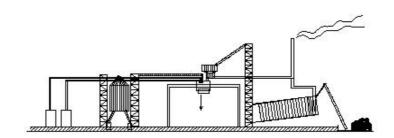
Article 583-2 of the Industrial Safety and Health Ordinance (Indication of noise-emitting locations, etc.)

Labeling (Indication of noise-emitting locations, etc.)

Concrete plants

asphalt plants



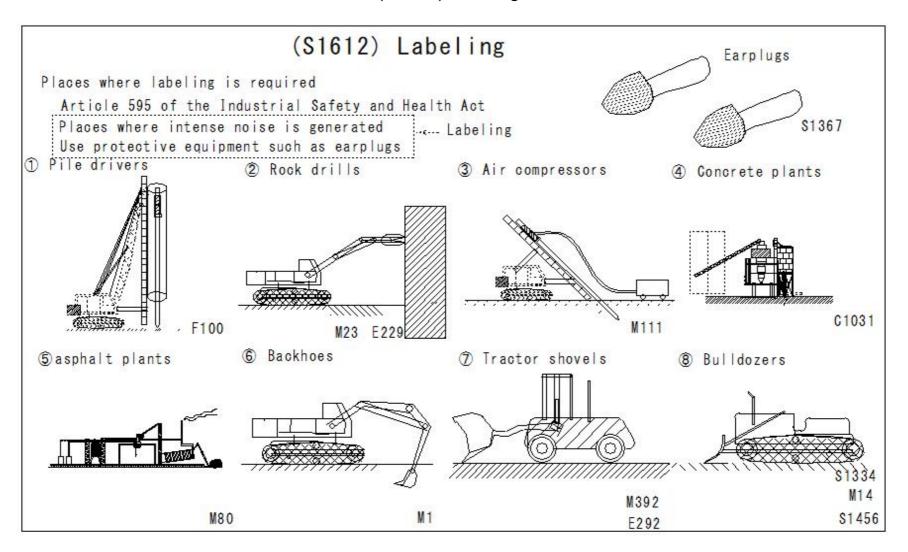


\$1073 M80 \$1339

\$1340

C1031

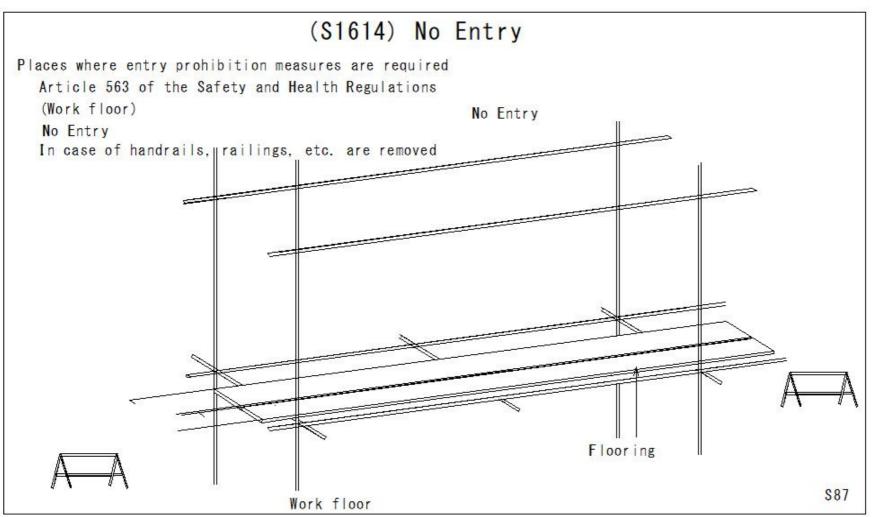
(S1612) Labeling



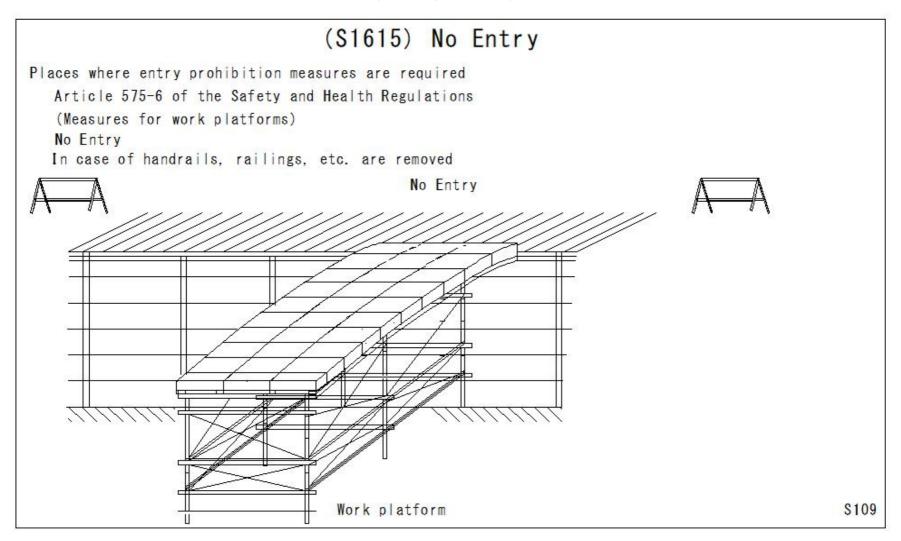
(S1613) No Entry

(S1613) No Entry Places where entry prohibition measures are required Article 552 of the Safety and Health Regulations (construction passages) No Entry In case of handrails, railings, etc. are removed No Entry \$767

(S1614) No Entry



(S1615) No Entry



(S1616) No Entry

(S1616) No Entry

Places where entry prohibition measures are required

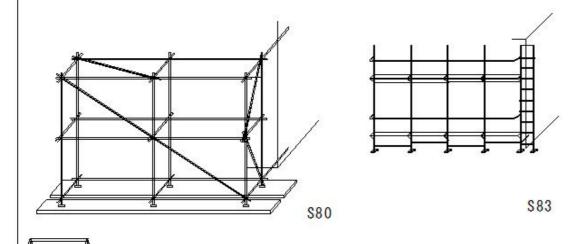
Article 564 of the Safety and Health Regulations

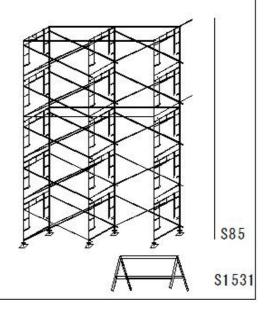
(Work such as assembling scaffolding)

No Entry

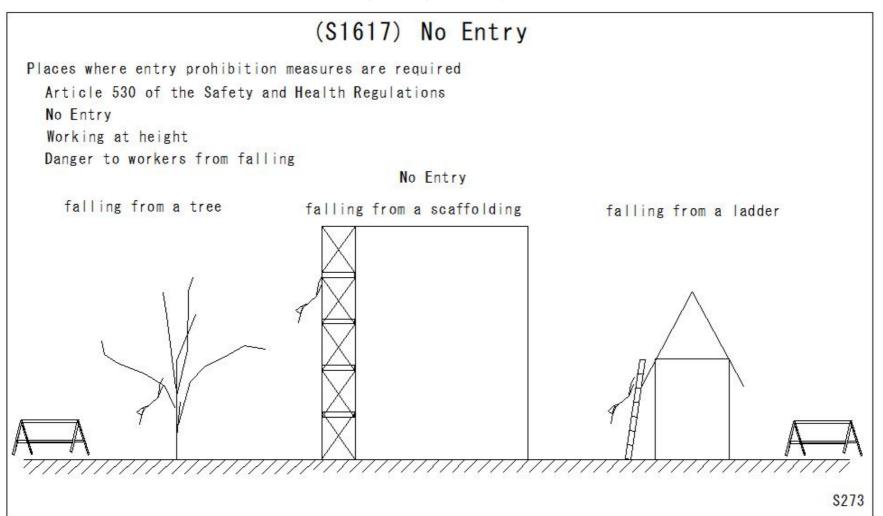
In case of assembling, dismantling or modifying

No Entry

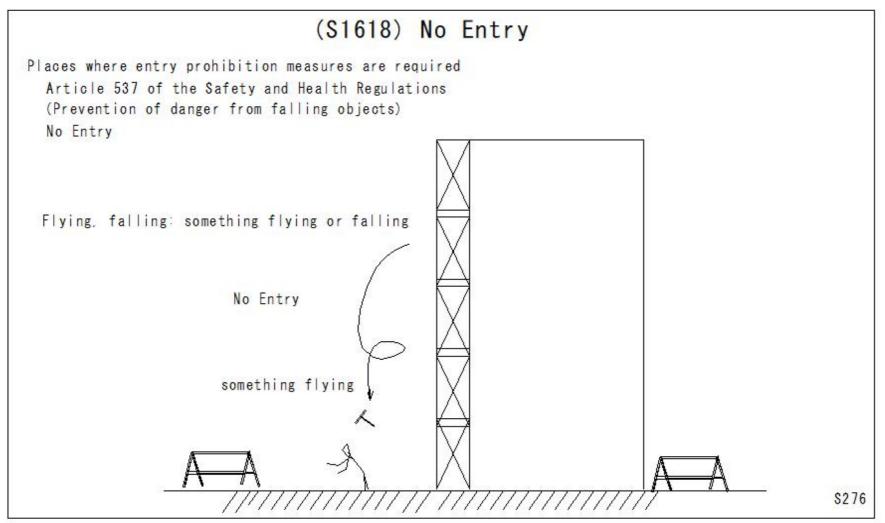




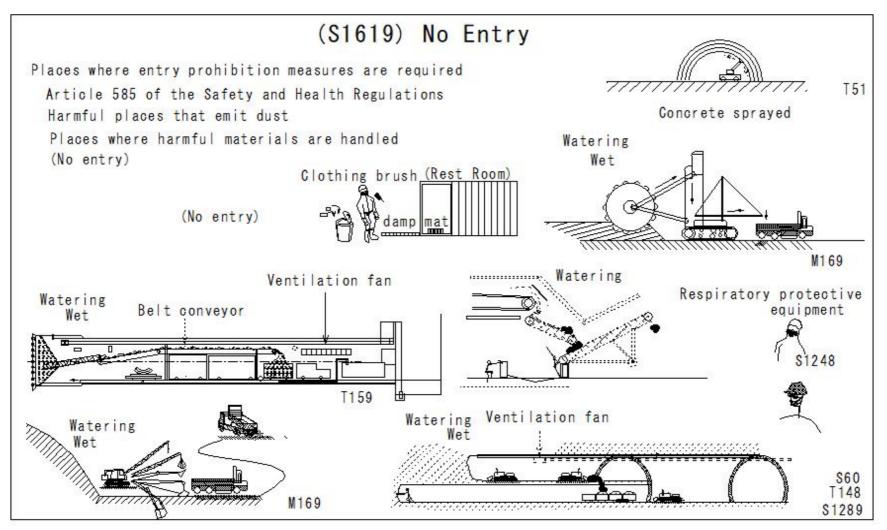
(S1617) No Entry



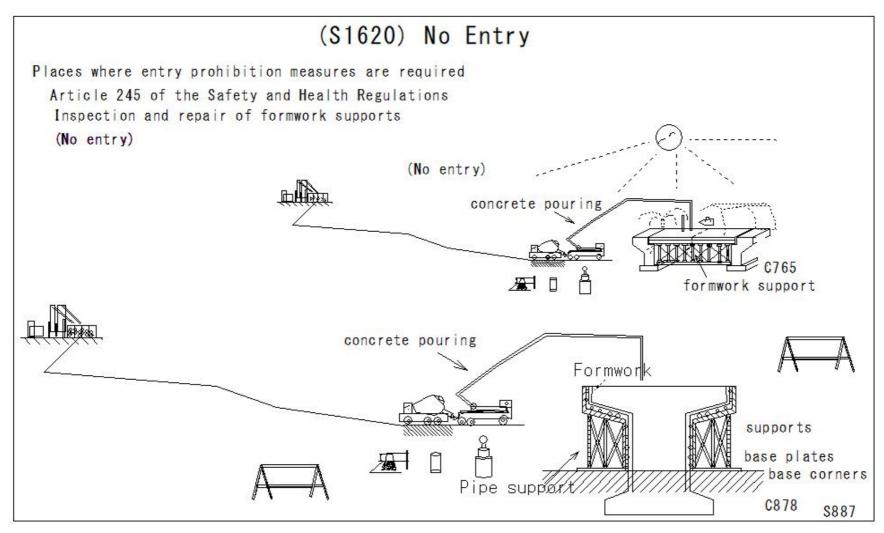
(S1618) No Entry



(S1619) No Entry



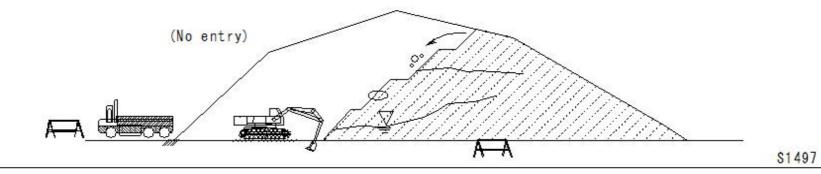
(S1620) No Entry



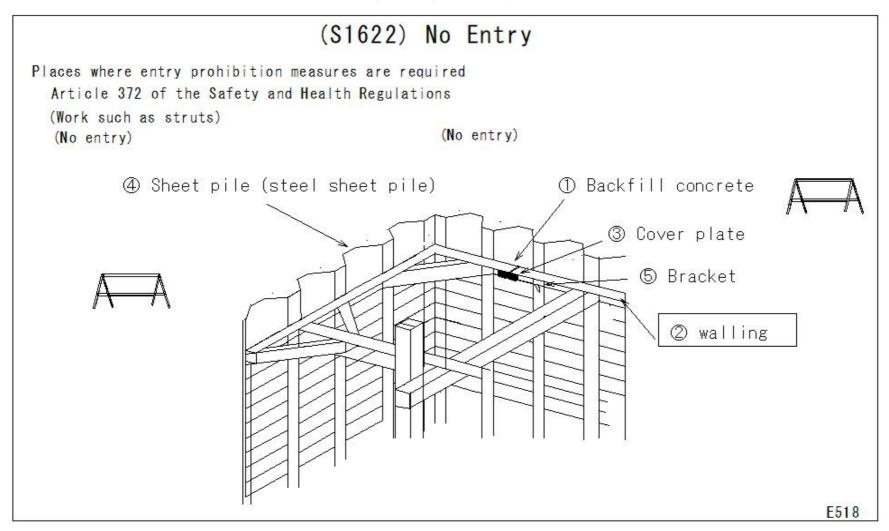
(S1621) No Entry

(S1621) No Entry

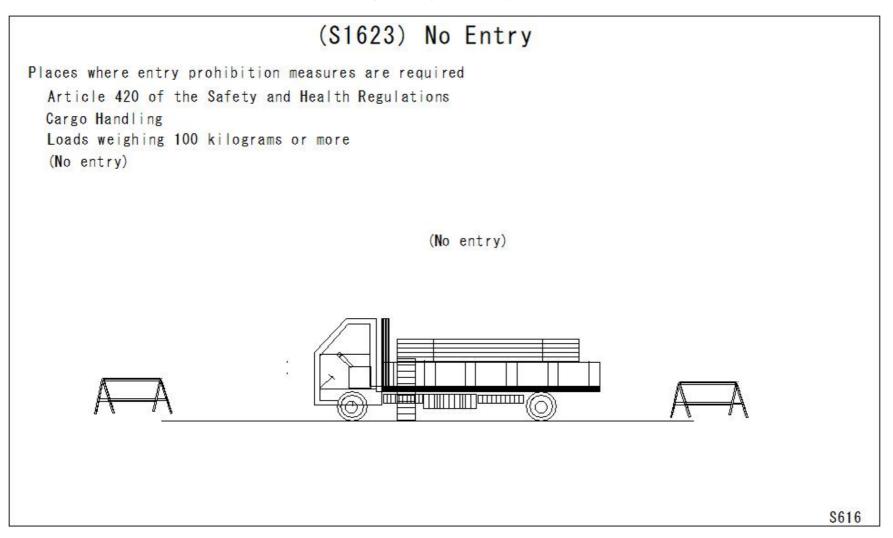
Places where entry prohibition measures are required
Article 361 of the Safety and Health Regulations
(Prevention of dangers due to ground collapse, etc.)
Open excavation
(No entry)



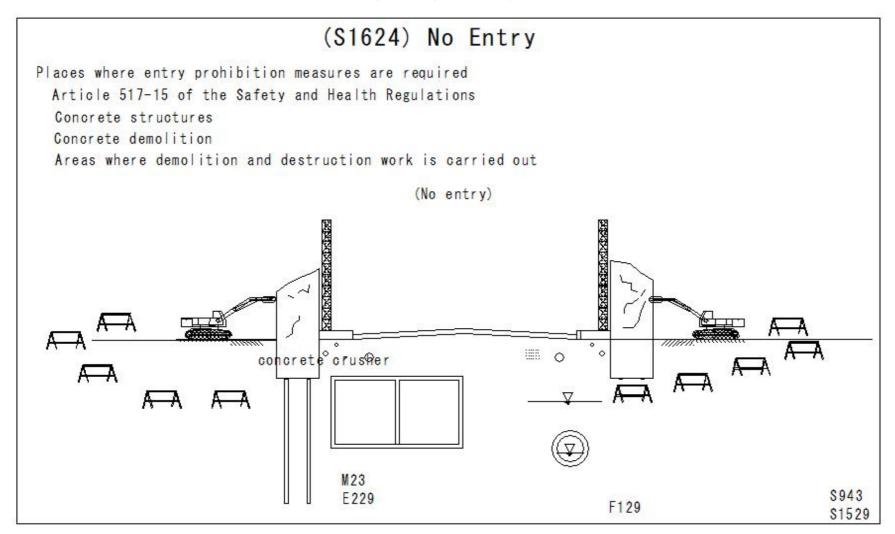
(S1622) No Entry



(S1623) No Entry



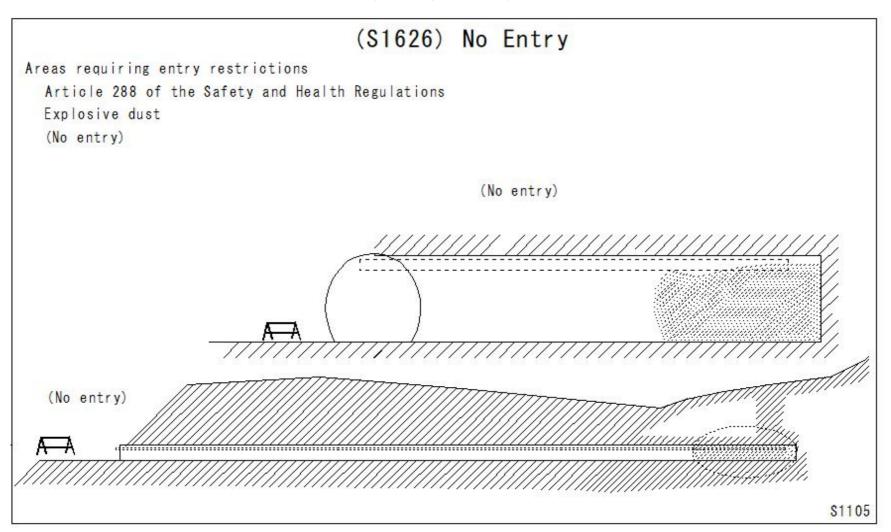
(S1624) No Entry



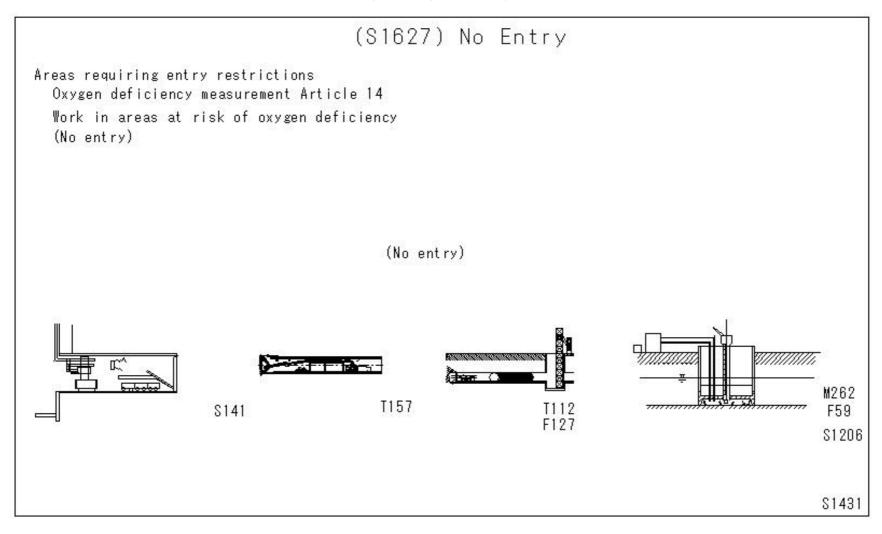
(S1625) No Entry

(S1625) No Entry Areas requiring entry restrictions Article 433 of the Safety and Health Regulations Installation or removal work (No entry) (No entry) Piling, demolition, etc. Lifting equipment 1.5meters moore \$1481

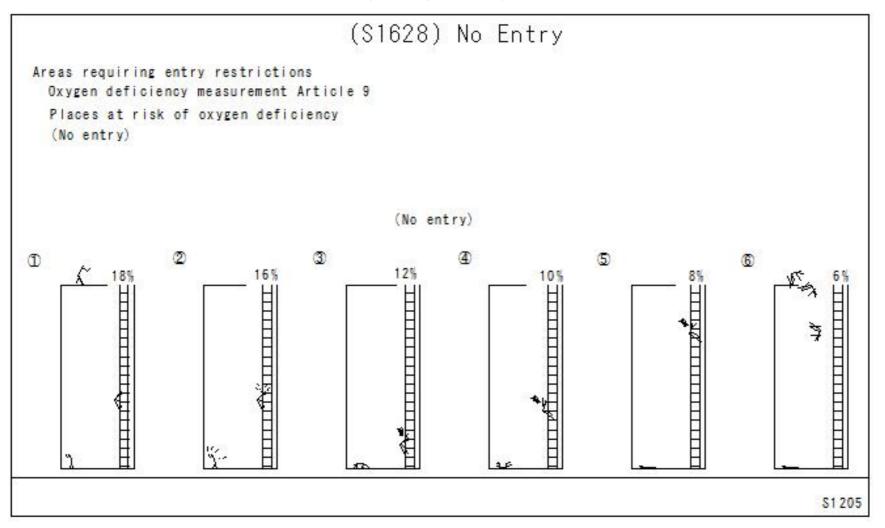
(S1626) No Entry



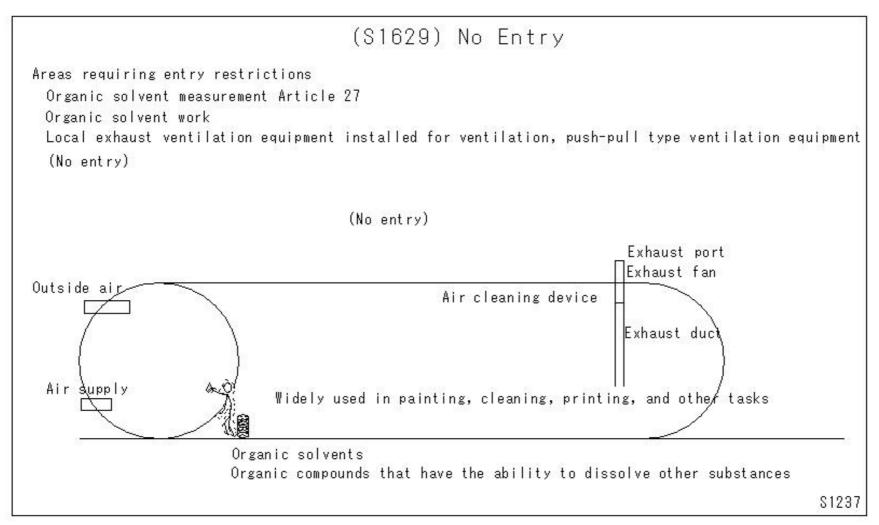
(S1627) No Entry



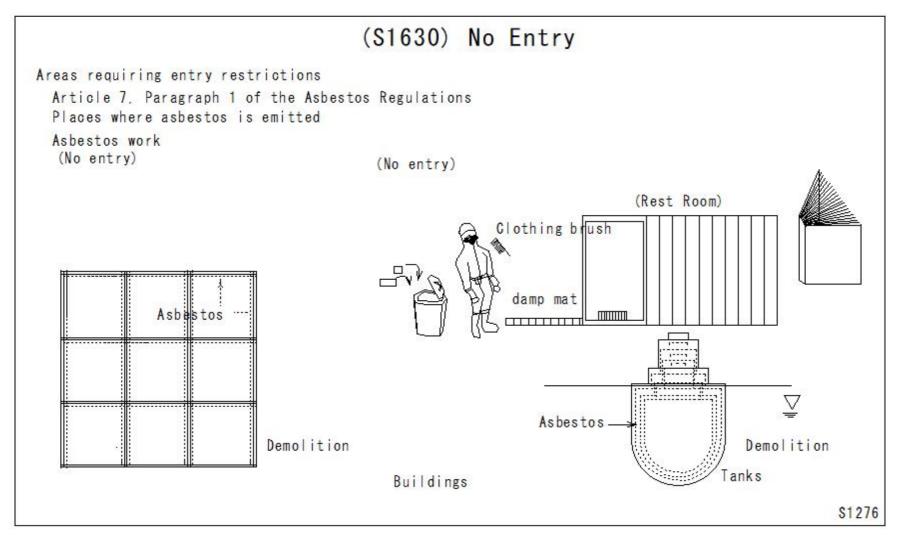
(S1628) No Entry



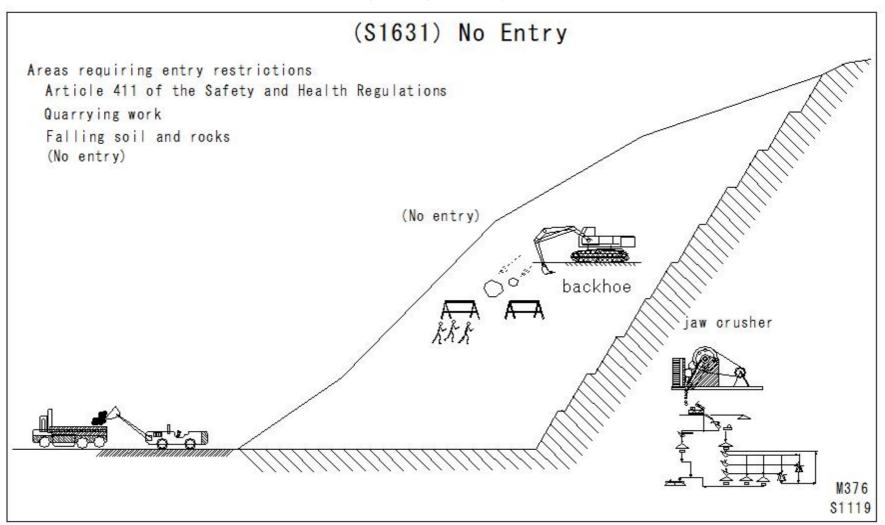
(S1629) No Entry



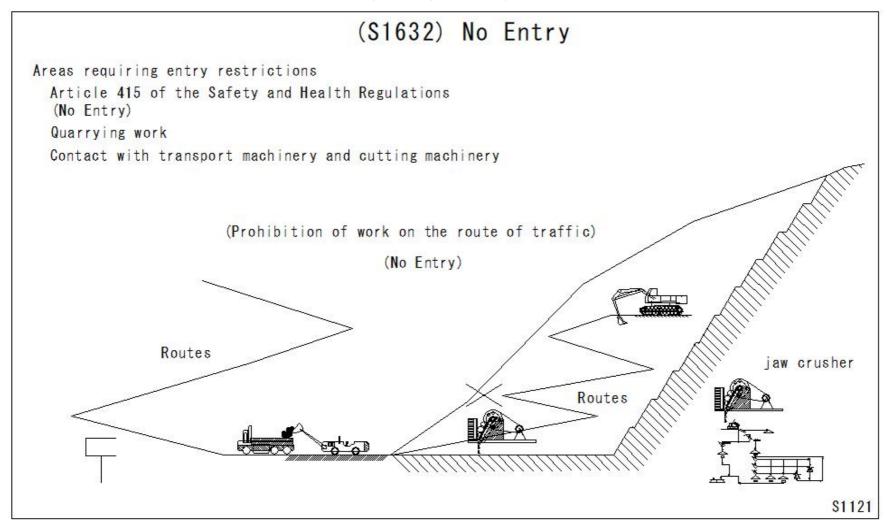
(S1630) No Entry



(S1631) No Entry



(S1632) No Entry



(S1633) No Entry

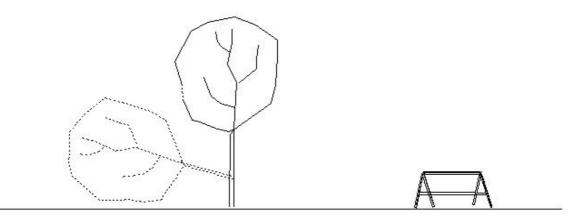
(S1633) No Entry

Areas requiring entry restrictions

Article 481 of the Safety and Health Regulations
Fell trees, cut logs, dead and damaged trees, etc.

(No entry)

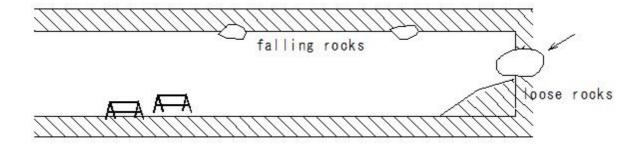
(No entry)



(S1634) No Entry

(S1634) No Entry

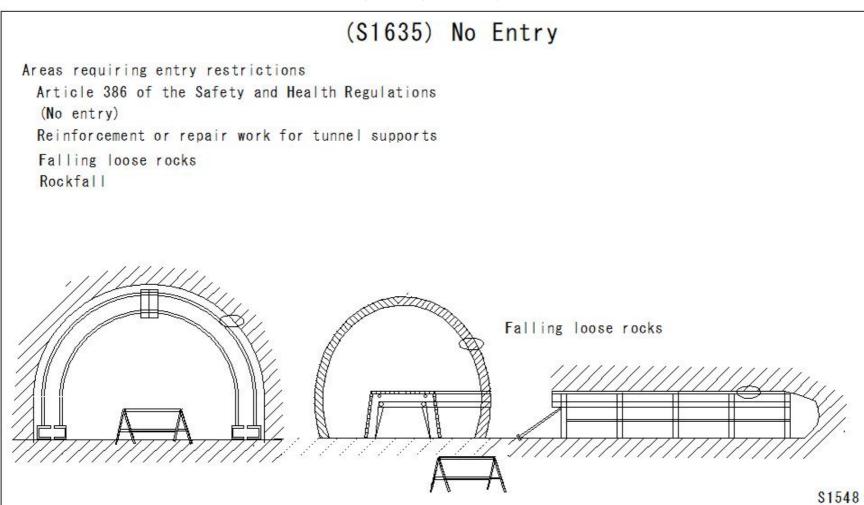
Areas requiring entry restrictions
Article 386 of the Safety and Health Regulations
(No entry)
Tunnel
Floating rocks



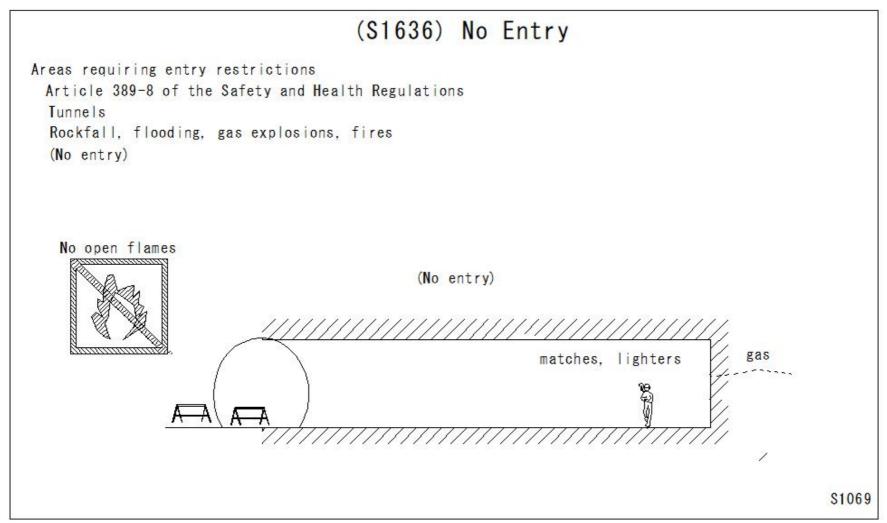
E497

\$863

(S1635) No Entry



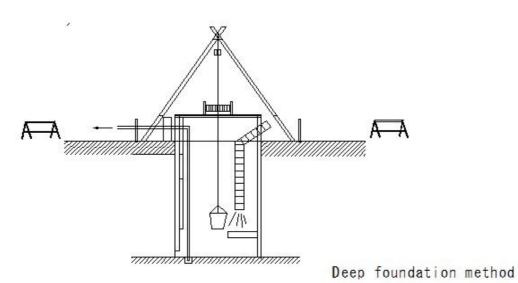
(S1636) No Entry



(S1637) No Entry

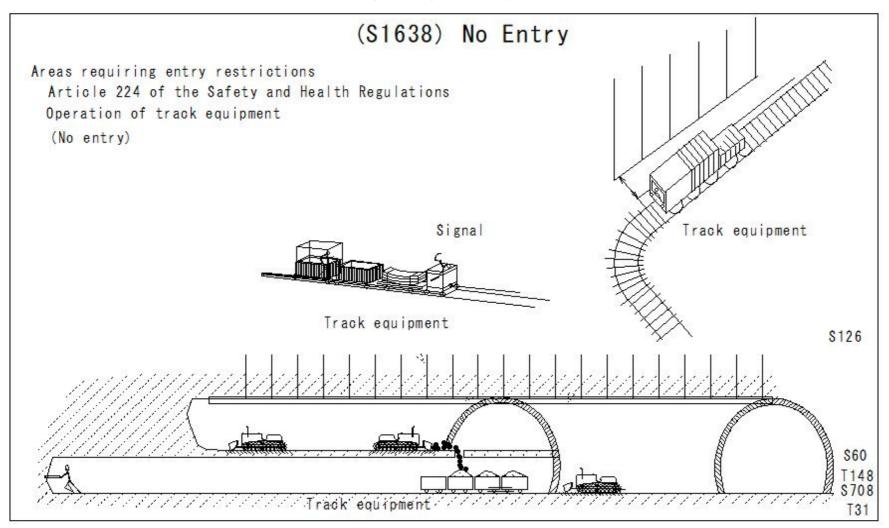
(S1637) No Entry

Areas requiring entry restrictions
Article 24 of the Oxygen Deficiency Safety Law
Oxygen-deficient air leaks
(Measures related to compressed air construction)



F152

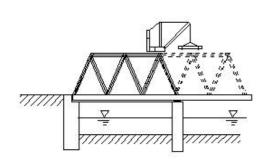
(S1638) No Entry

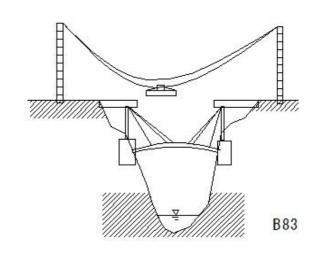


(S1639) No Entry

(S1639) No Entry

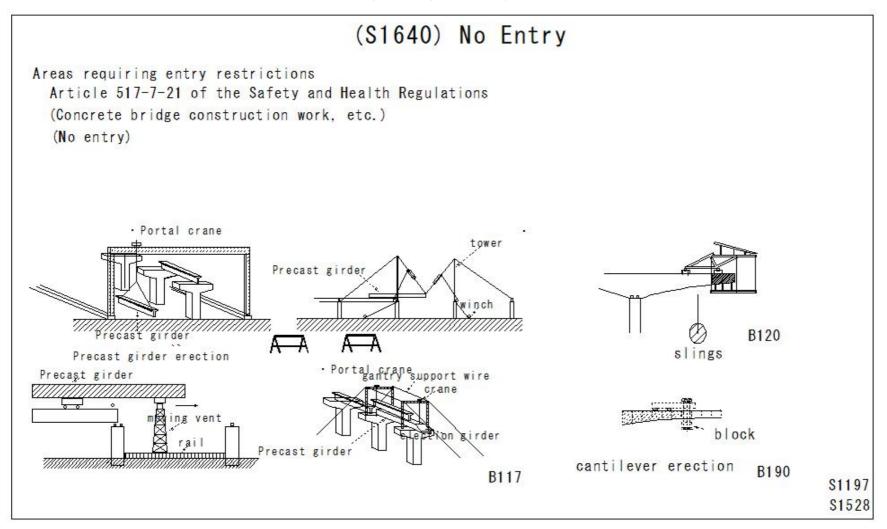
Areas requiring entry restrictions
Article 517-7, 21 of the Safety and Health Regulations
(Work such as erecting steel bridges)
(No entry)



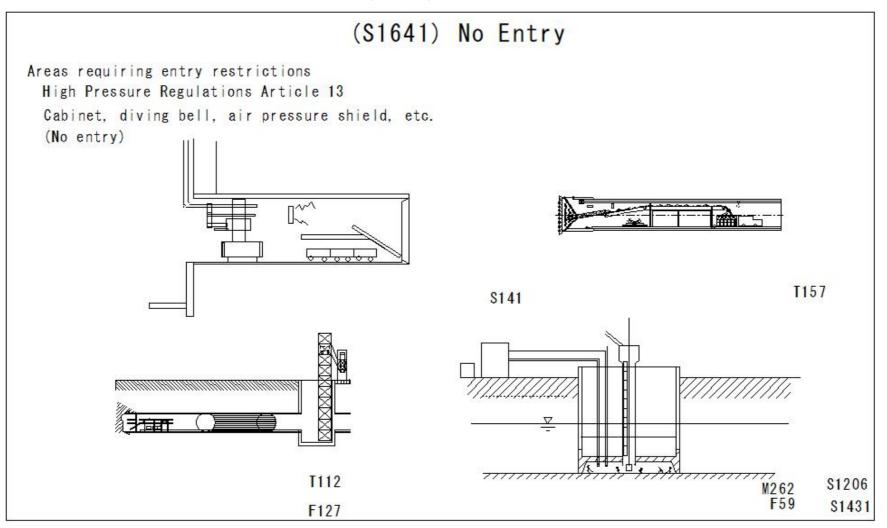


\$1421 \$1527

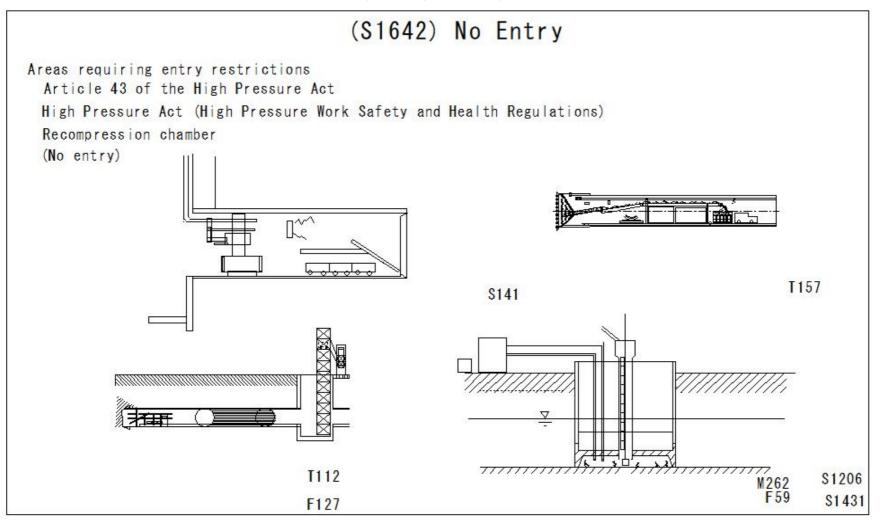
(S1640) No Entry



(S1641) No Entry



(S1642) No Entry

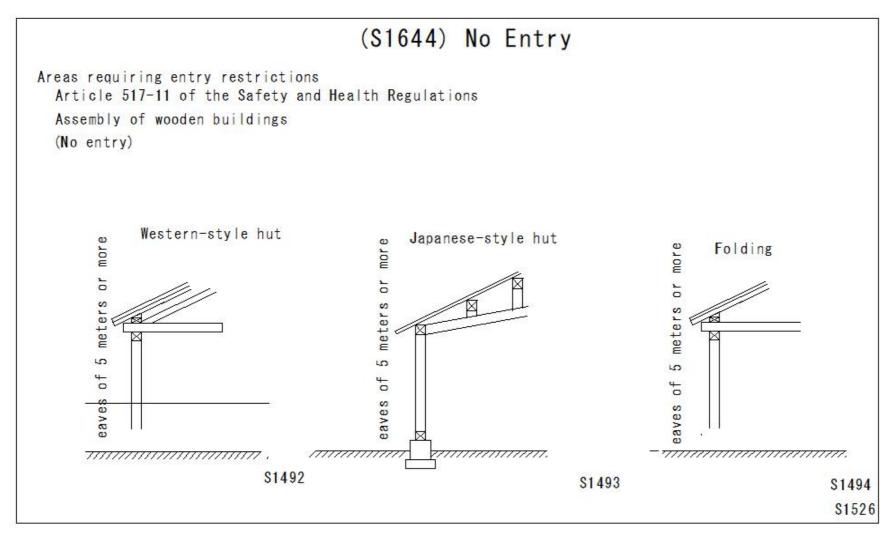


(S1643) No Entry

(S1643) No Entry Areas requiring entry restrictions Article 517-3 of the Safety and Health Regulations (Work such as assembling steel frames of buildings, etc.) Workers are prohibited from entering (No entry)

\$1525

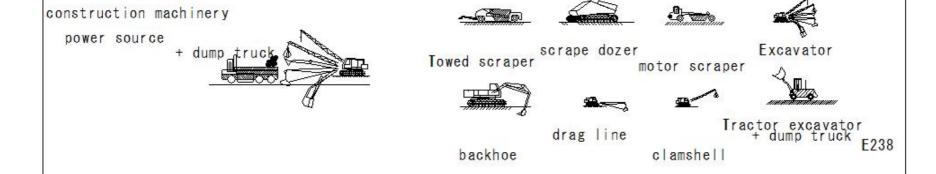
(S1644) No Entry



(S1645) No Entry

(S1645) No Entry

Areas requiring entry restrictions
Article 151-9 of the Safety and Health Regulations
Vehicle-type loading and transport machinery, etc.
Forks, shovels, arm
(No Entry)



M10

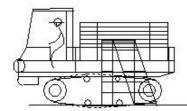
(S1646) No Entry

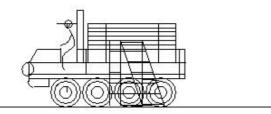
(S1646) No Entry

Areas requiring entry restrictions

Article 151-48 of the Safety and Health Regulations
(Loading and unloading)

Loading cargo weighing 100 kilograms or more
Work involving loading onto an off-road vehicle
(No entry)



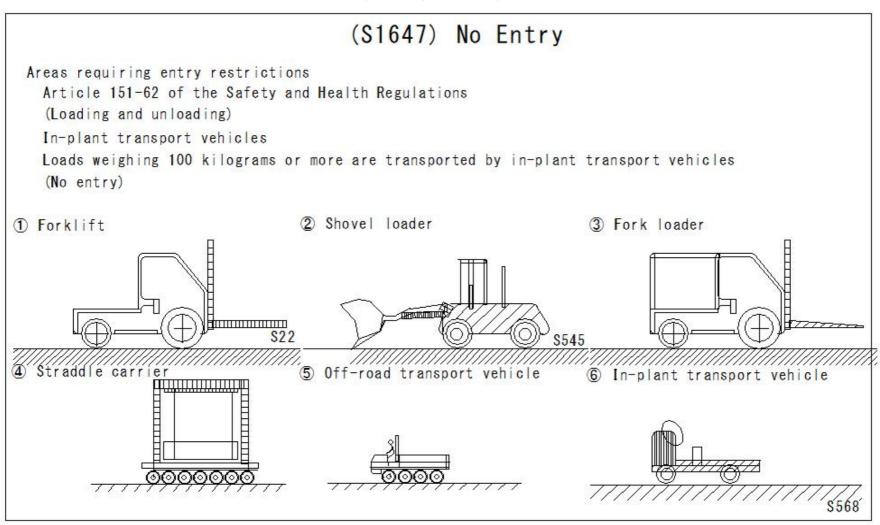


Off-road vehicle

\$611

\$1426

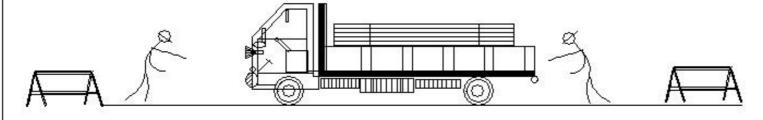
(S1647) No Entry



(S1648) No Entry

(S1648) No Entry

Areas requiring entry restrictions
Article 151-70 of the Safety and Health Regulations
Loading and unloading
Loading items weighing 100 kg or more onto a truck
(No entry)



Freight vehicle

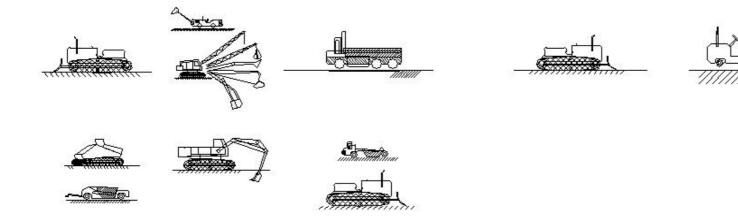
\$622

\$1425

(S1649) No Entry

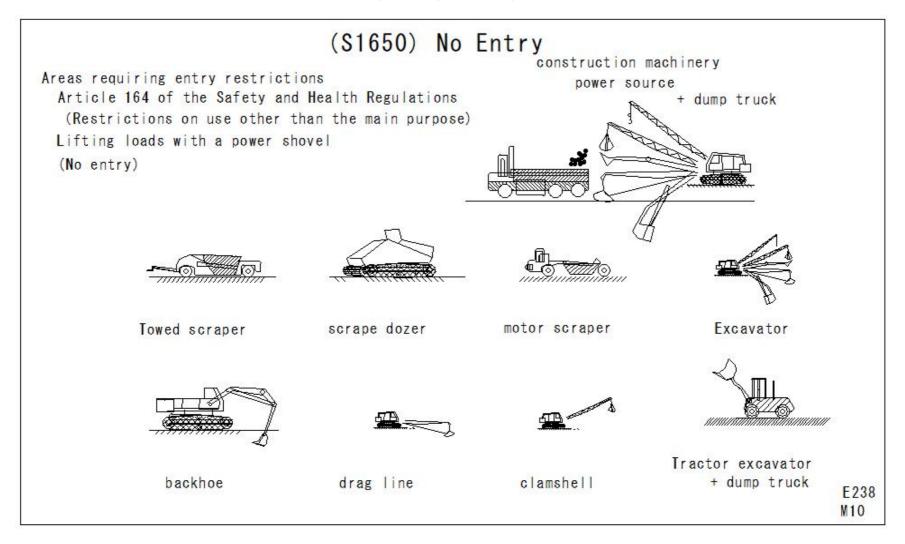
(S1649) No Entry

Areas requiring entry restrictions
Article 158 of the Safety and Health Regulations
(Prevention of contact)
Vehicle-mounted construction machinery
(No entry)

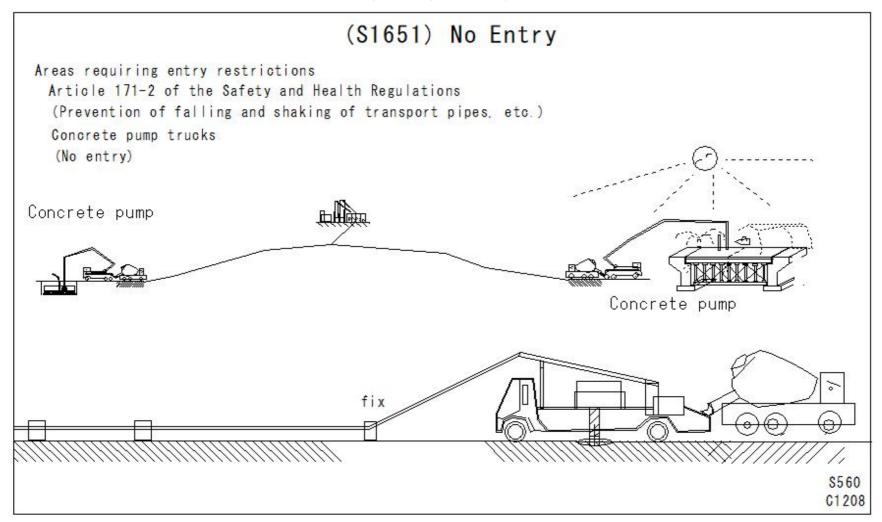


E341 M1

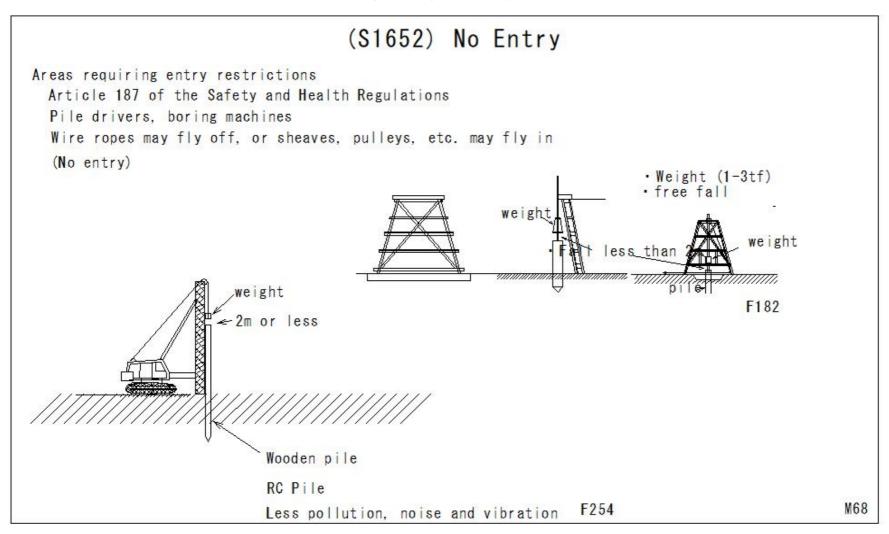
(S1650) No Entry



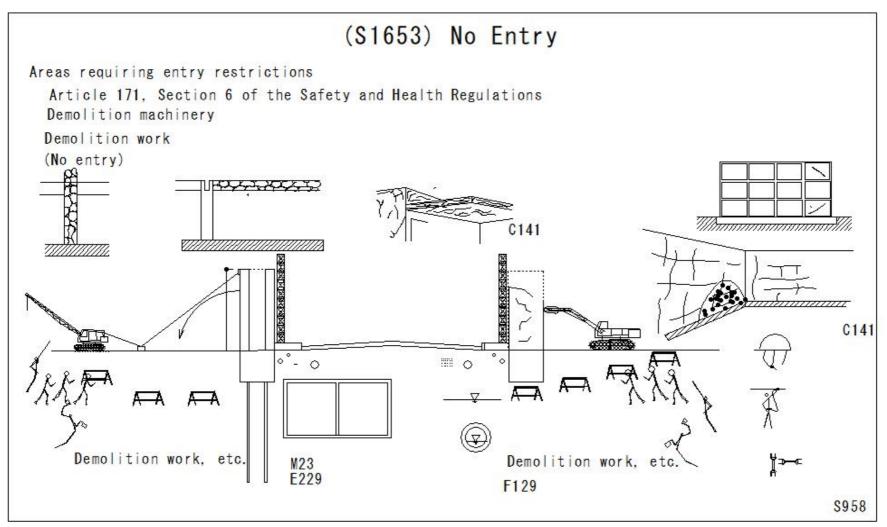
(S1651) No Entry



(S1652) No Entry



(S1653) No Entry

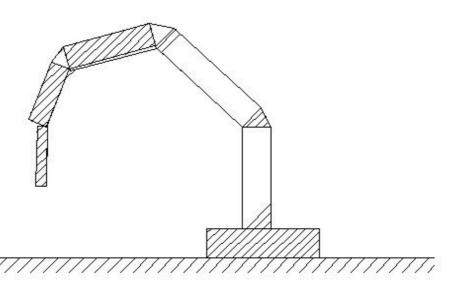


(S1654) No Entry

(S1654) No Entry

Areas requiring entry restrictions
Article 150, Paragraph 4 of the Safety and Health Regulations
(Prevention of hazards during operation)
Industrial robots
(No entry)

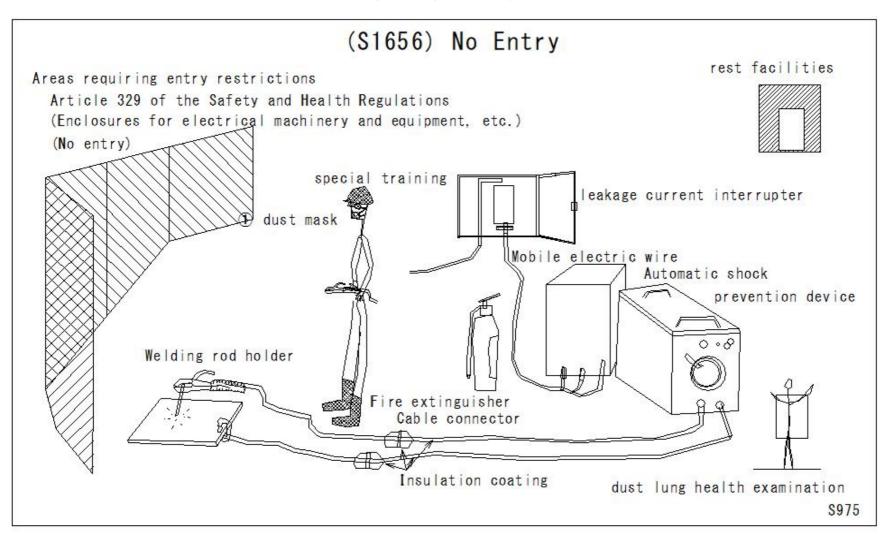
Industrial robots



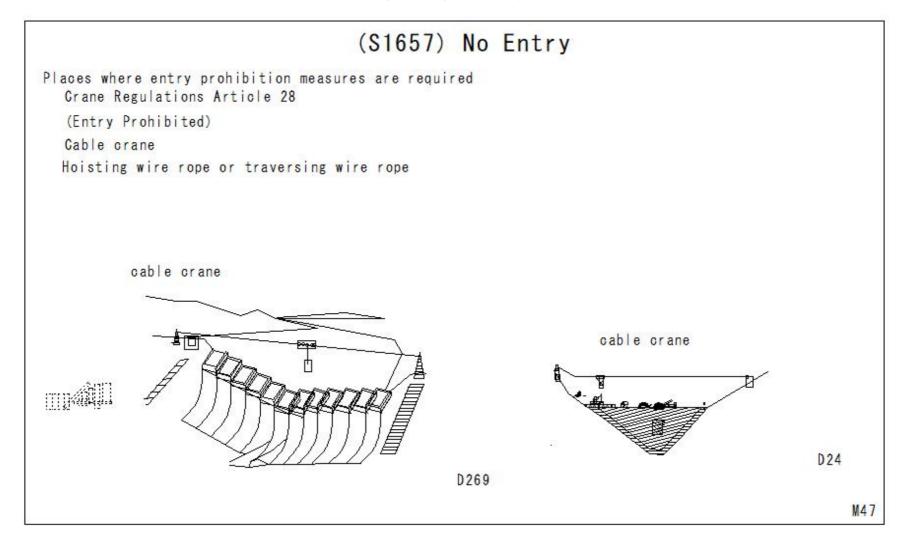
(S1655) No Entry

(S1655) No Entry Areas requiring entry restrictions Article 313 of the Safety and Health Regulations (Management of gas welding equipment, etc.) (No entry) 40° 9 Gas welding Fire extinguisher \$962

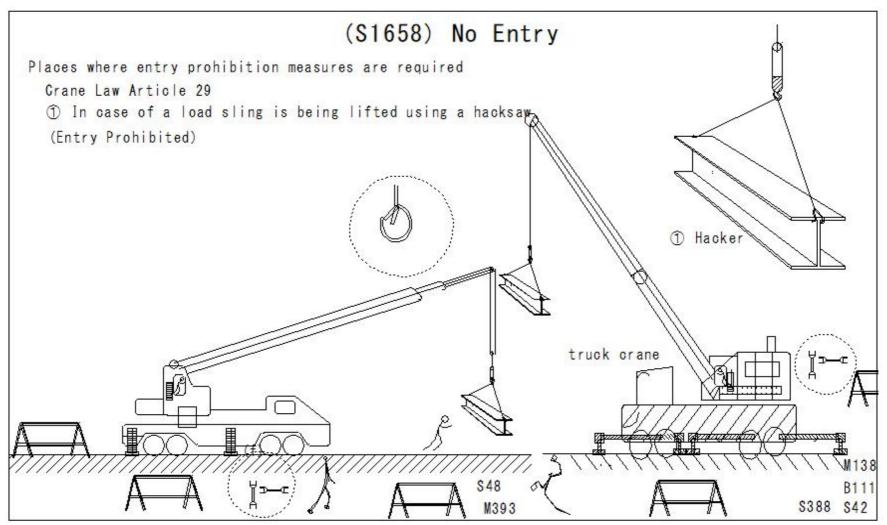
(S1656) No Entry



(S1657) No Entry



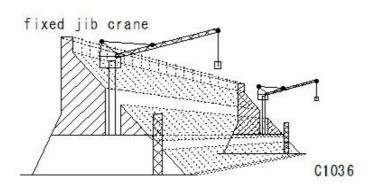
(S1658) No Entry

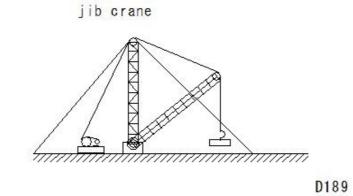


(S1659) No Entry

(S1659) No Entry

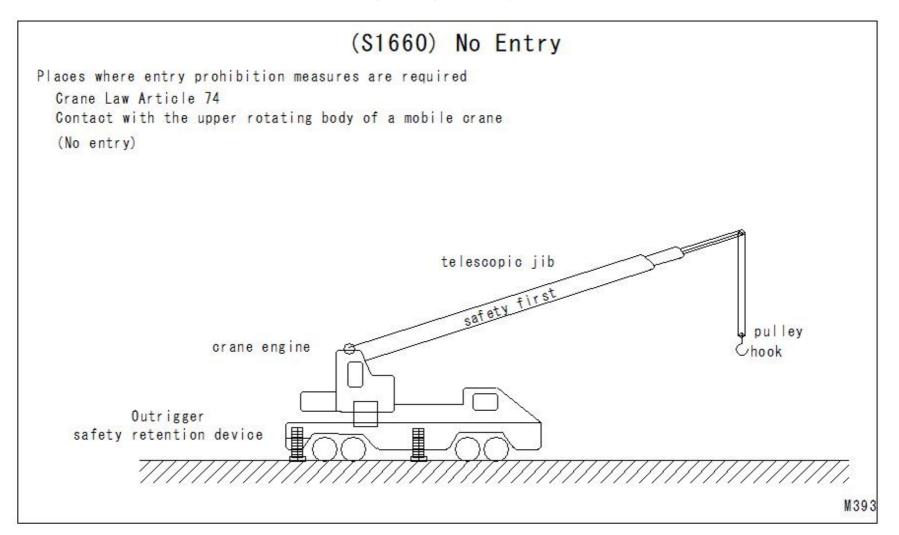
Places where entry prohibition measures are required Crane Regulations Article 33 (Assembly work, etc.) (Entry Prohibited)



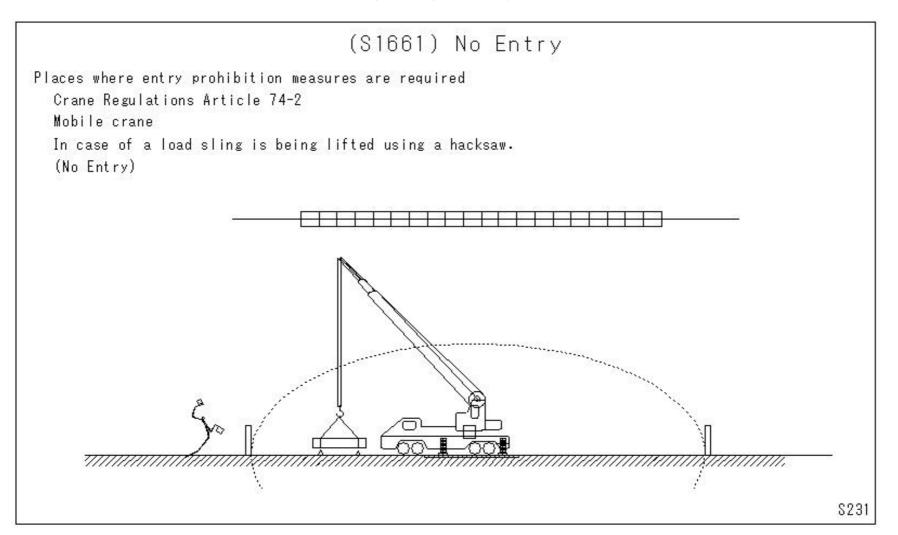


M48

(S1660) No Entry



(S1661) No Entry

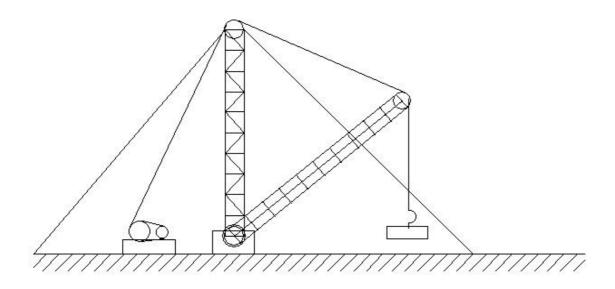


(S1662) No Entry

(S1662) No Entry

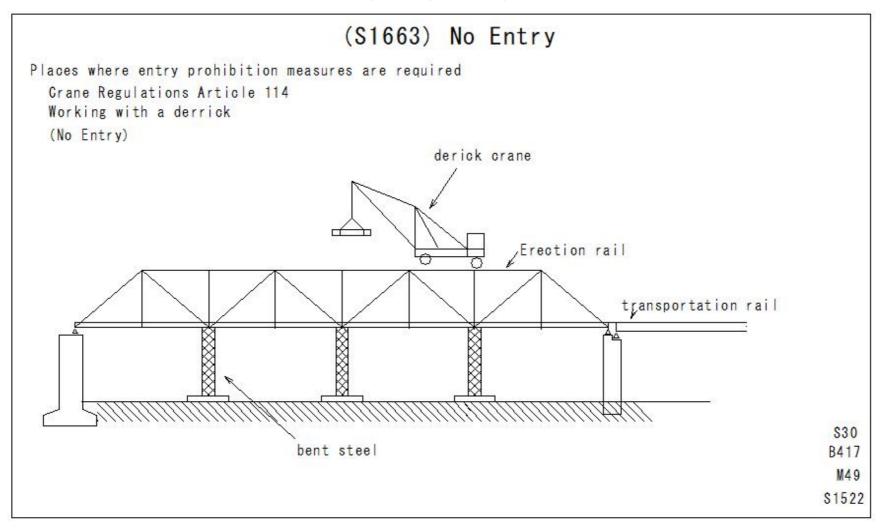
Places where entry prohibition measures are required Crane Regulations Article 75-2 (Assembling the jib, etc.)

(No entry)

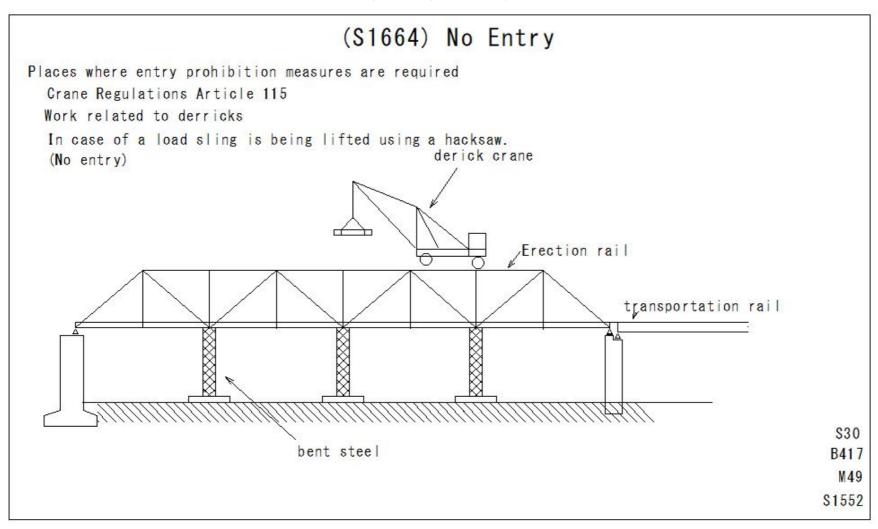


M371

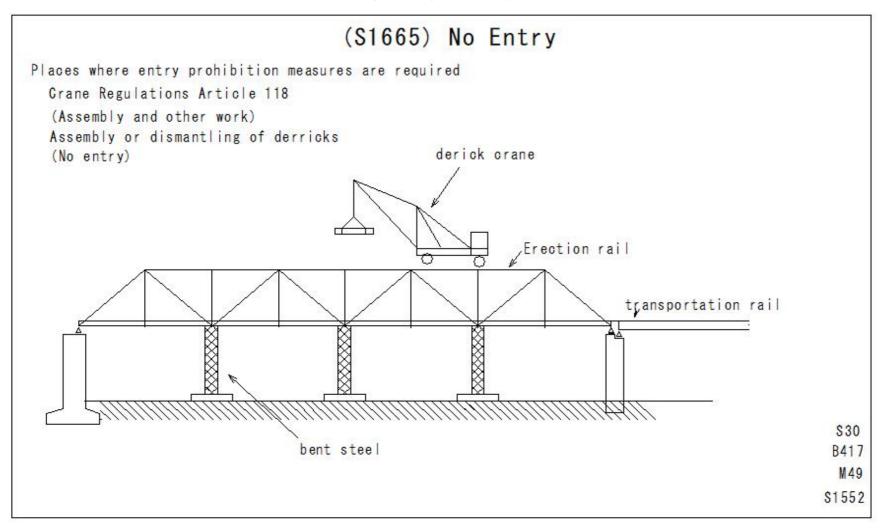
(S1663) No Entry



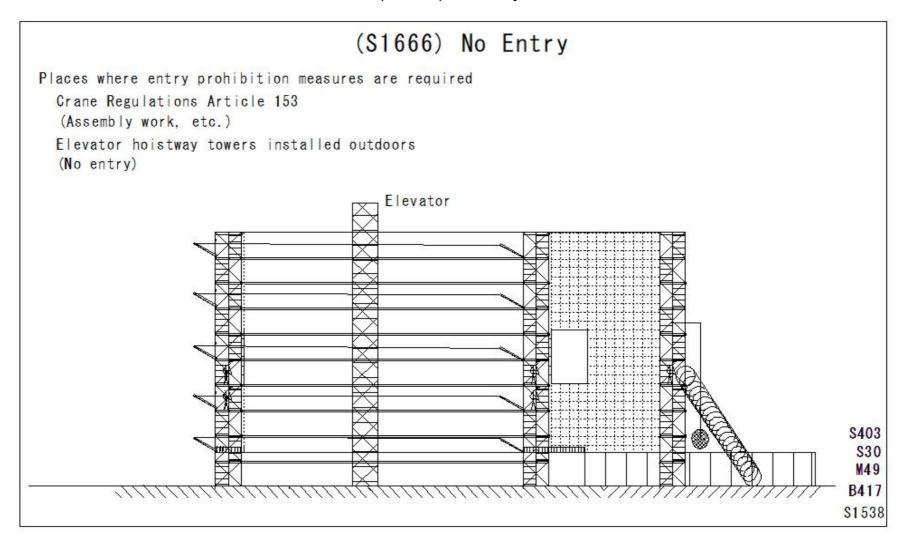
(S1664) No Entry



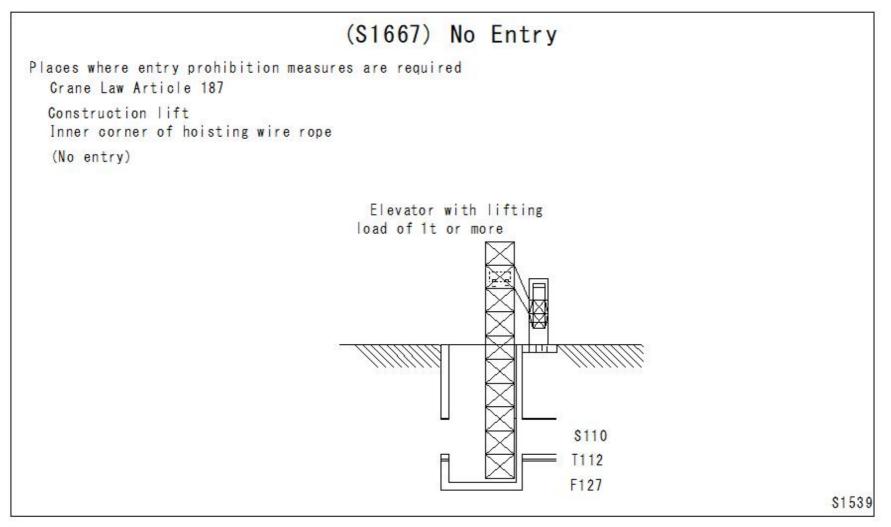
(S1665) No Entry



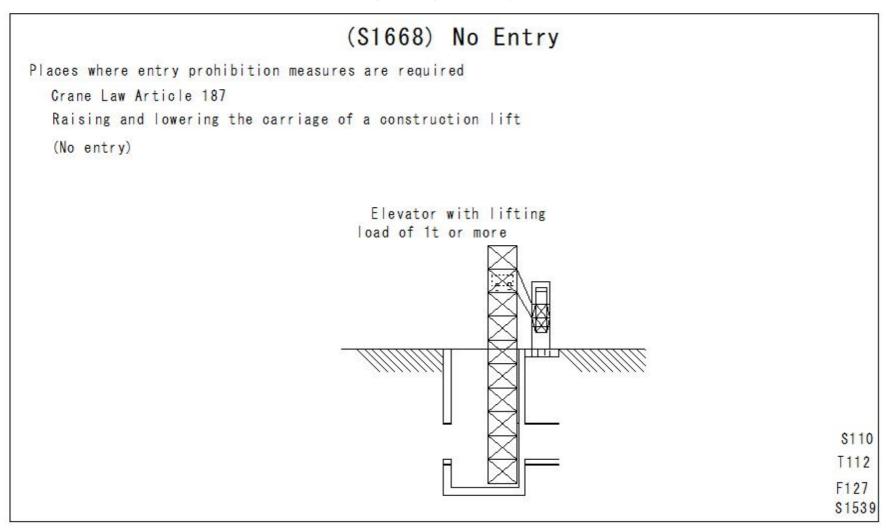
(S1666) No Entry



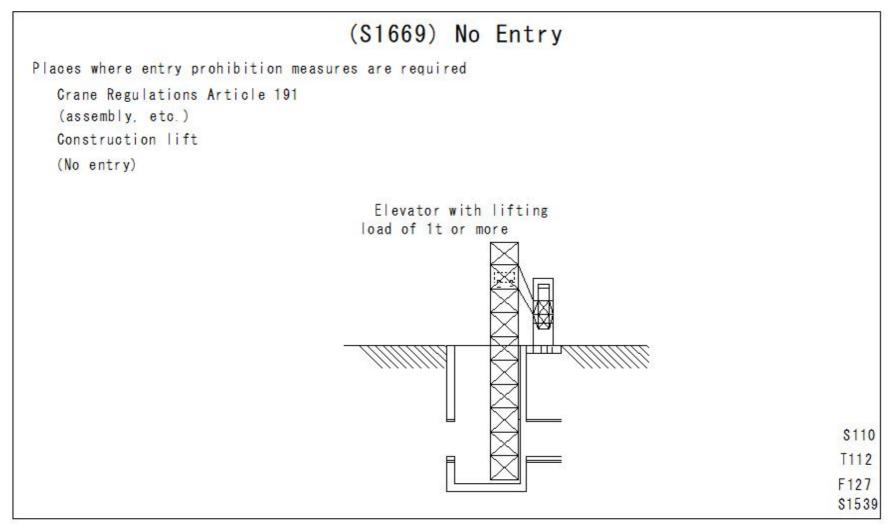
(S1667) No Entry



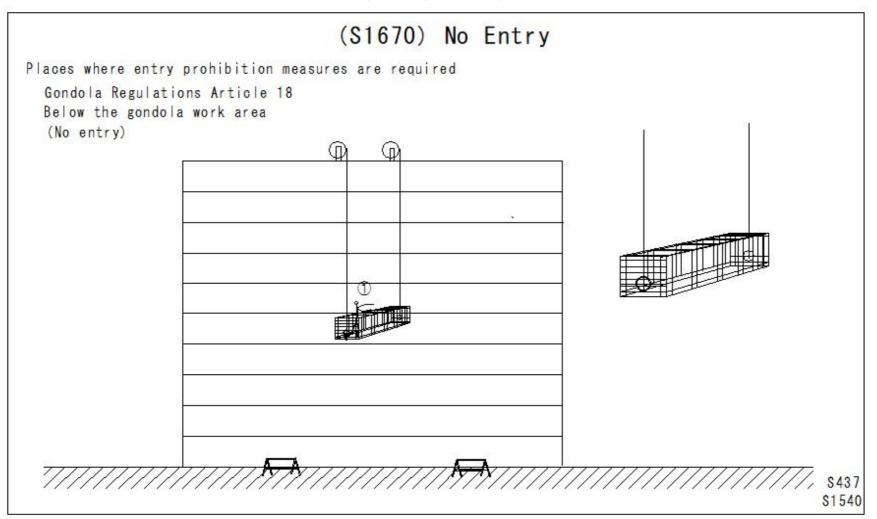
(S1668) No Entry



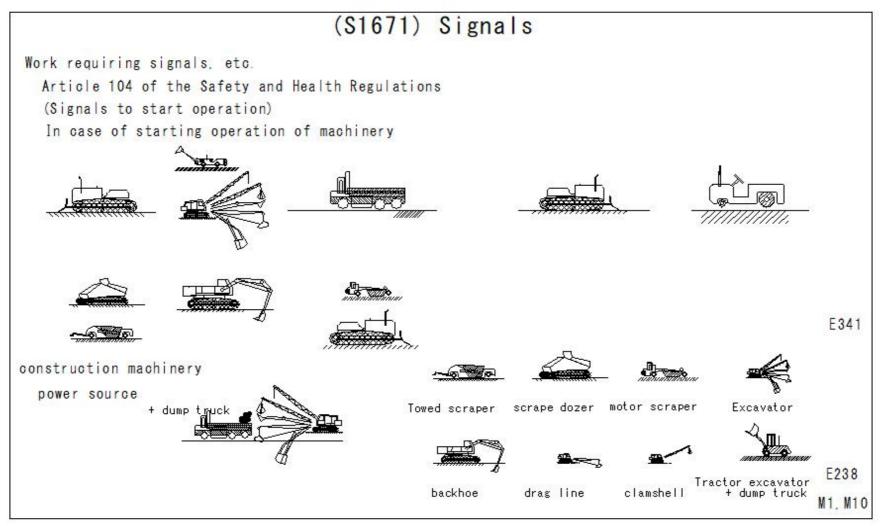
(S1669) No Entry



(S1670) No Entry



(S1671) Signals



(S1672) Signals

(S1672) Signals

Work requiring signals, etc.

Article 151-8 of the Safety and Health Regulations (Guidance signal)

Vehicle-mounted loading and unloading machinery



M10

(S1673) Signals

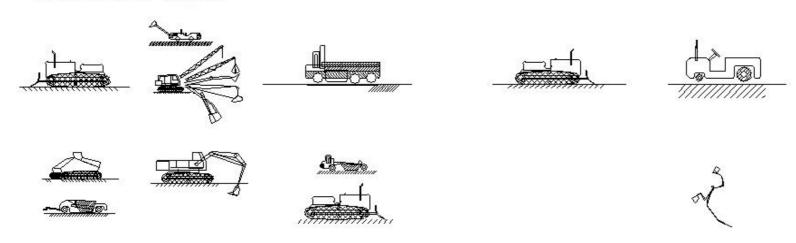
(S1673) Signals

Work requiring signals, etc.

Article 159 of the Safety and Health Regulations (Guidance signal)

Operator of vehicle-type construction machinery

The guide gives signals



E341

(S1674) Signals

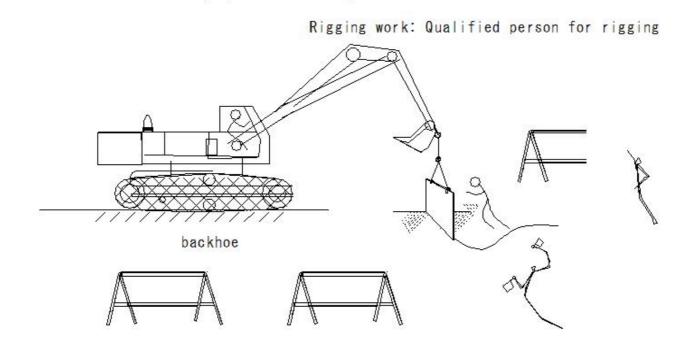
(S1674) Signals

Work requiring signals, etc.

Article 164 of the Safety and Health Regulations

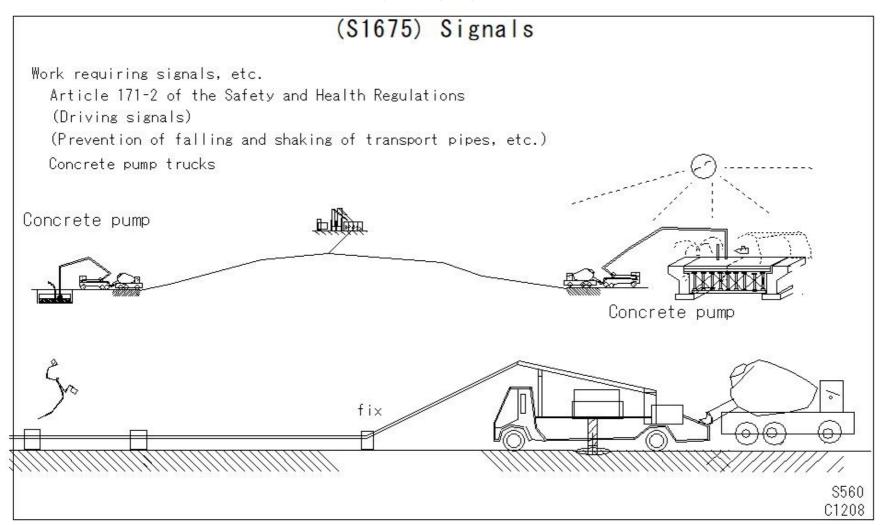
(Driving signals)

Vehicle-mounted construction machinery (for excavation)

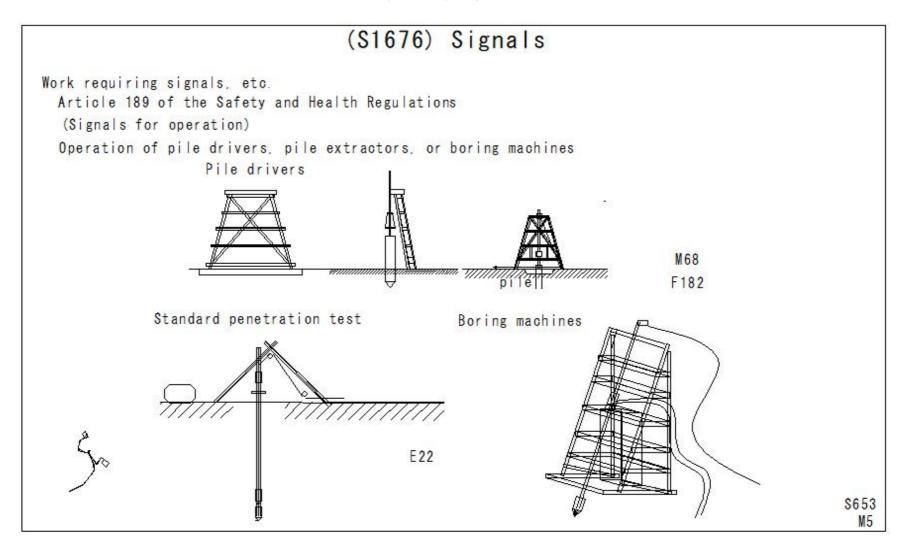


\$552

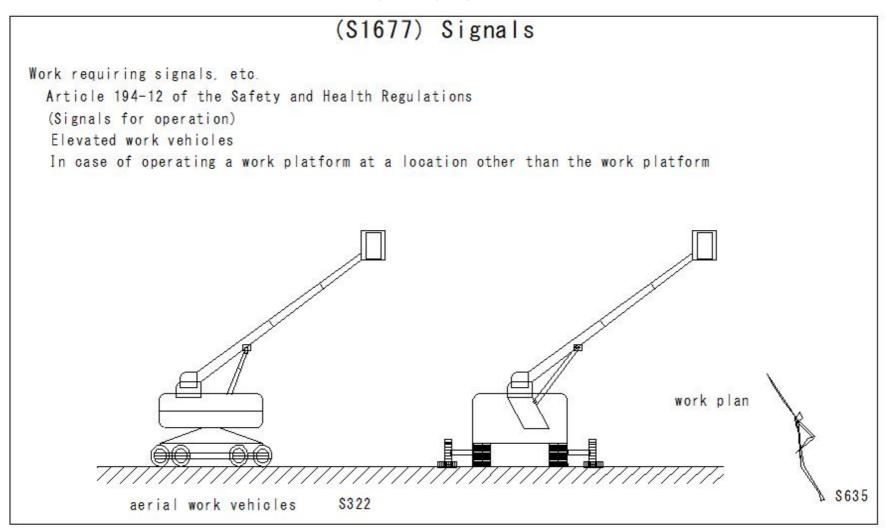
(S1675) Signals



(S1676) Signals



(S1677) Signals



(S1678) Signals

(S1678) Signals

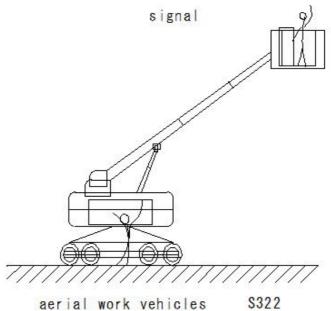
Work requiring signals, etc.

Article 194-20 of the Safety and Health Regulations

(Signals for driving)

(Restrictions on boarding the work platform, etc.)

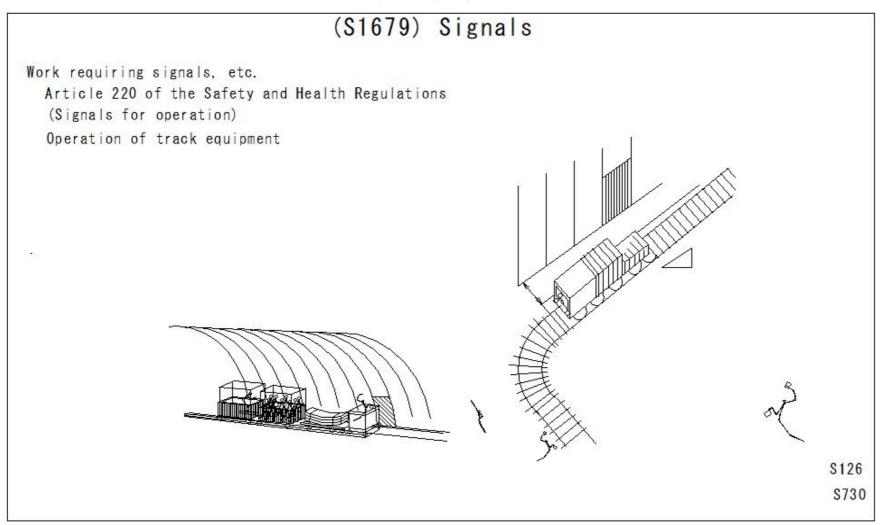
Aerial work platform





\$637

(S1679) Signals



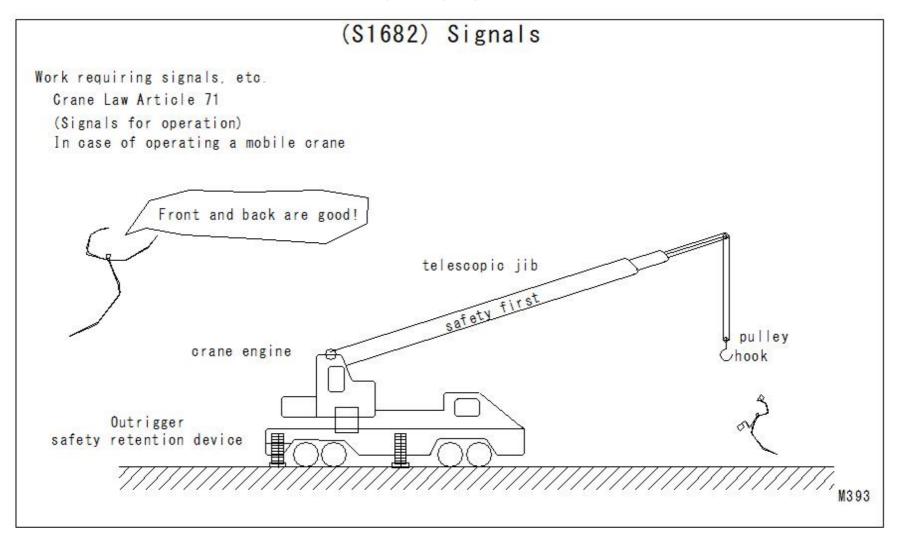
(S1680) Signals

(S1680) Signals Work requiring signals, etc. fixed jib crane Crane Law Article 25 (Signals for operation) Crane operation C1 0 36 jib crane D189 M48

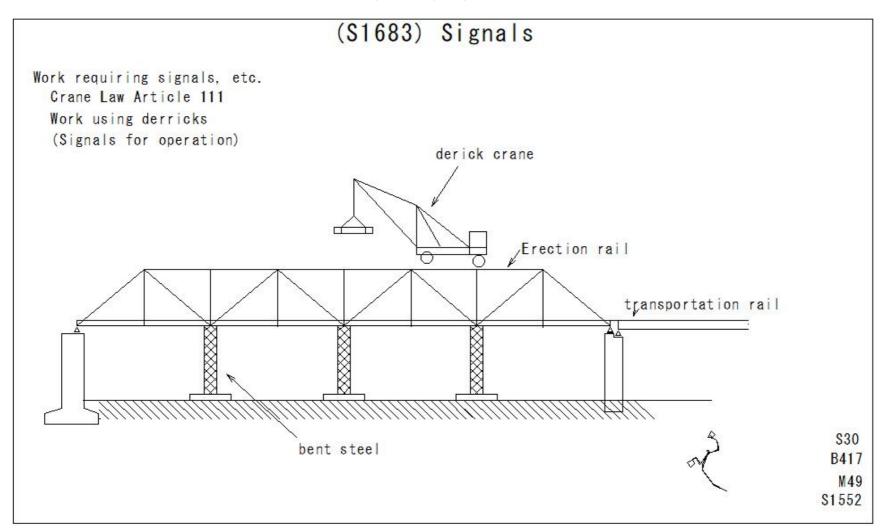
(S1681) Signals

(S1681) Signals Work requiring signals, etc. Crane Regulations Article 30-2 (Signals for operation) Overhead crane In case of carrying out inspection, repair, painting, etc. Walkways Crane girders Buildings Reels Walkways parallel traveling cranes stoppers \$344

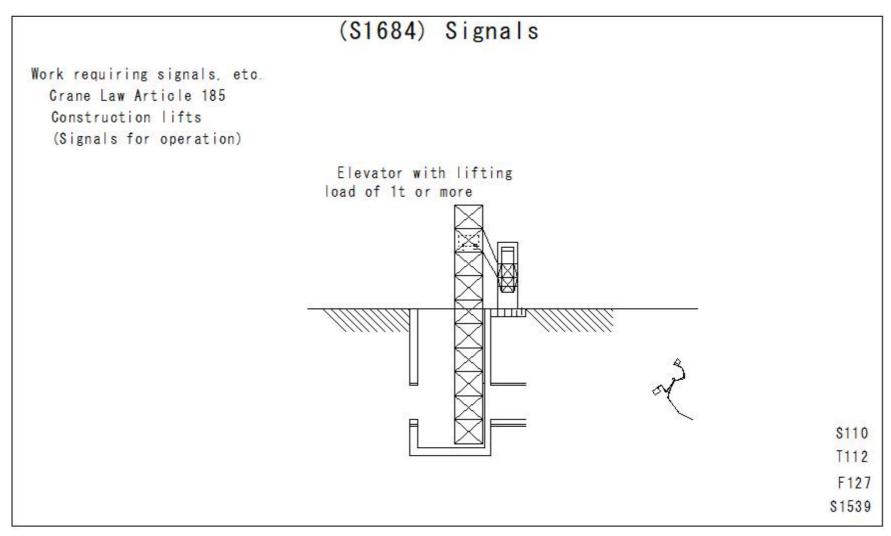
(S1682) Signals



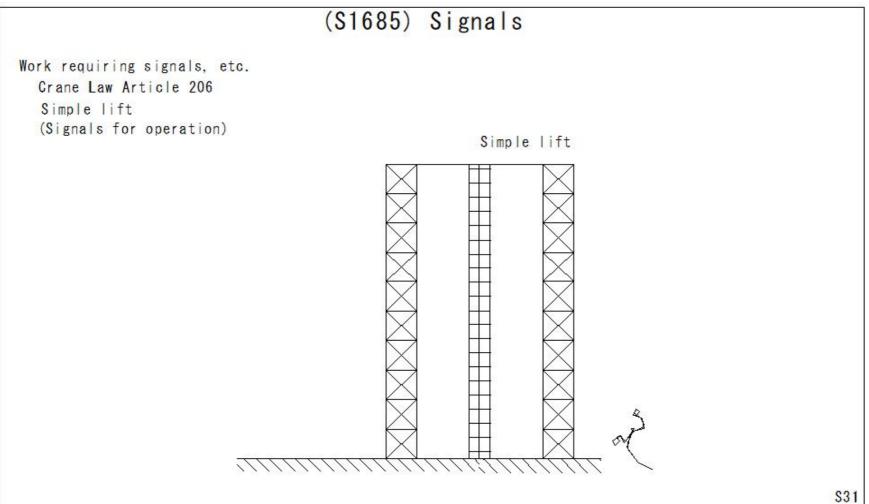
(S1683) Signals



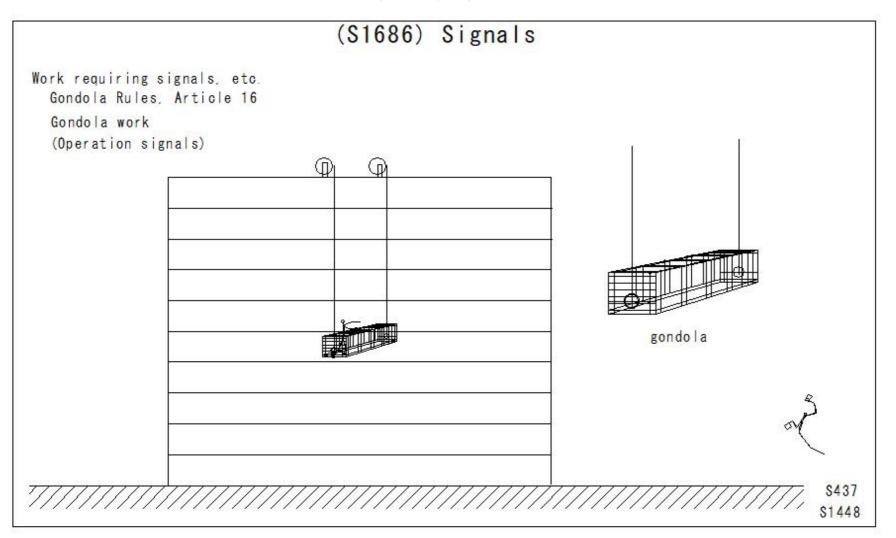
(S1684) Signals



(S1685) Signals



(S1686) Signals



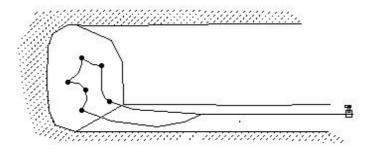
(S1687) Signals

(S1687) Signals Work requiring signals, etc. Article 319 of the Safety and Health Regulations Fuse blasting work (Signals for blasting work) More dynamite blasting the fuse \$140

(S1688) Signals

(S1688) Signals

Work requiring signals, etc.
Article 320 of the Safety and Health Regulations
Electric blasting work
(Signals for blasting work)

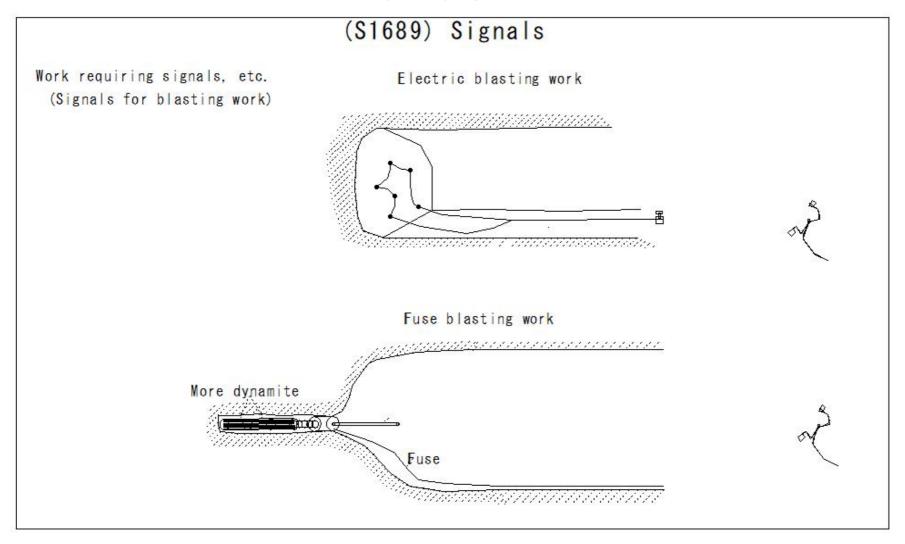




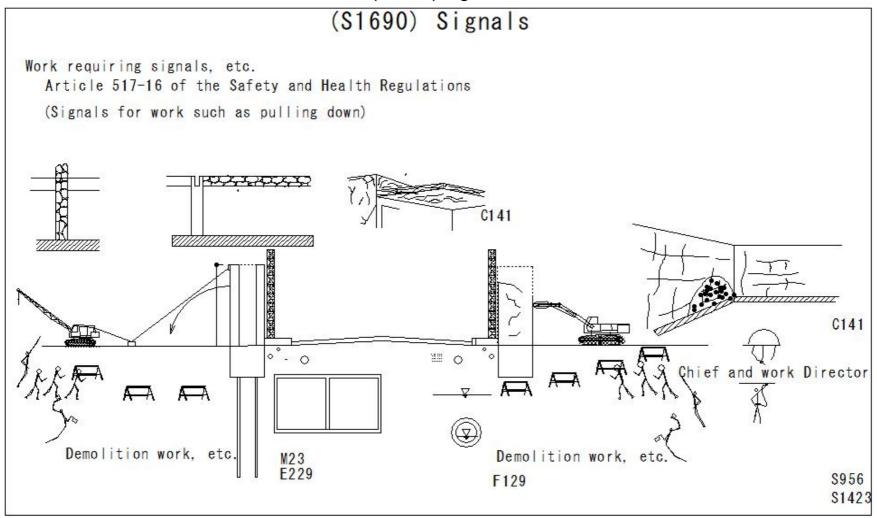
electric blasting

\$1285

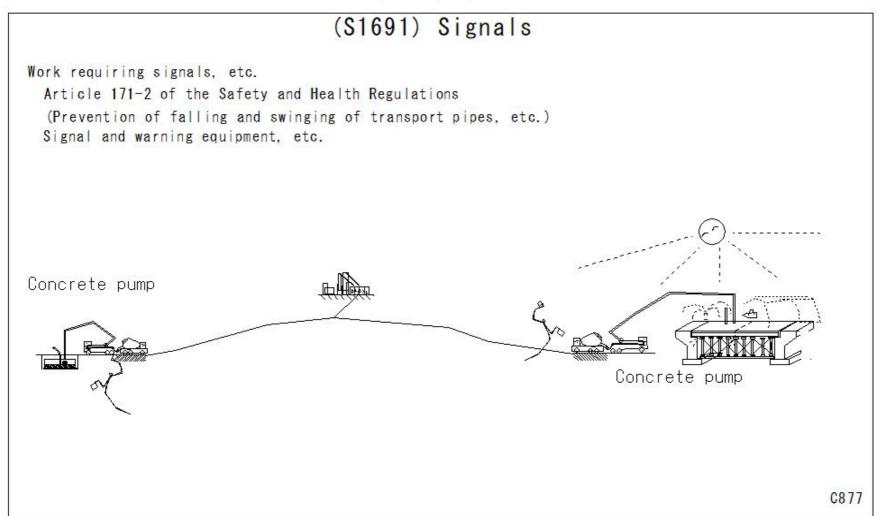
(S1689) Signals



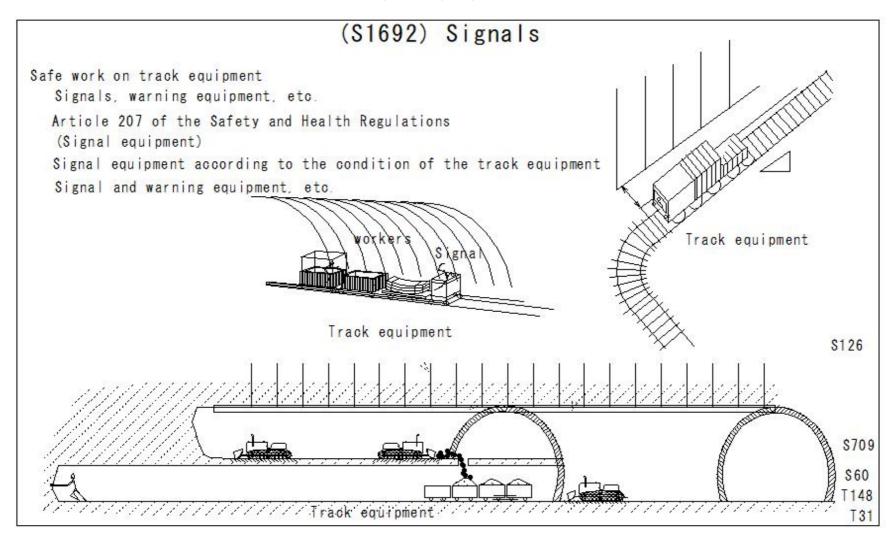
(S1690) Signals



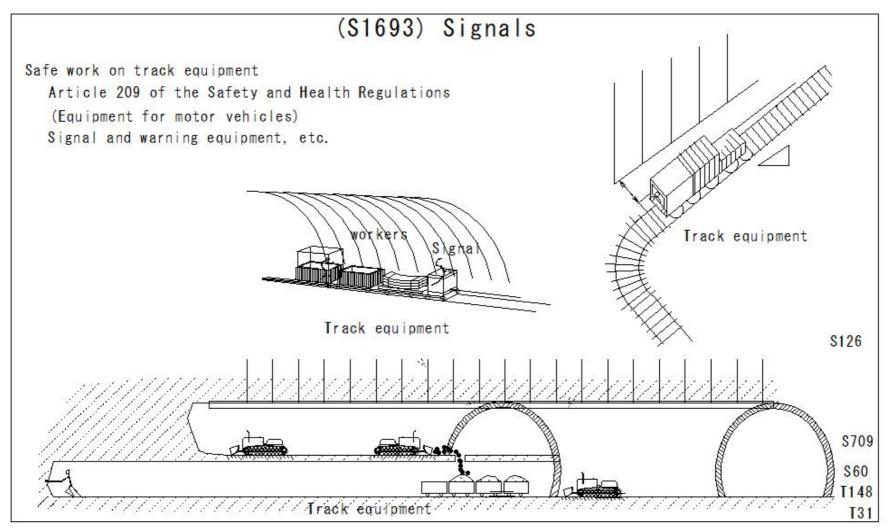
(S1691) Signals



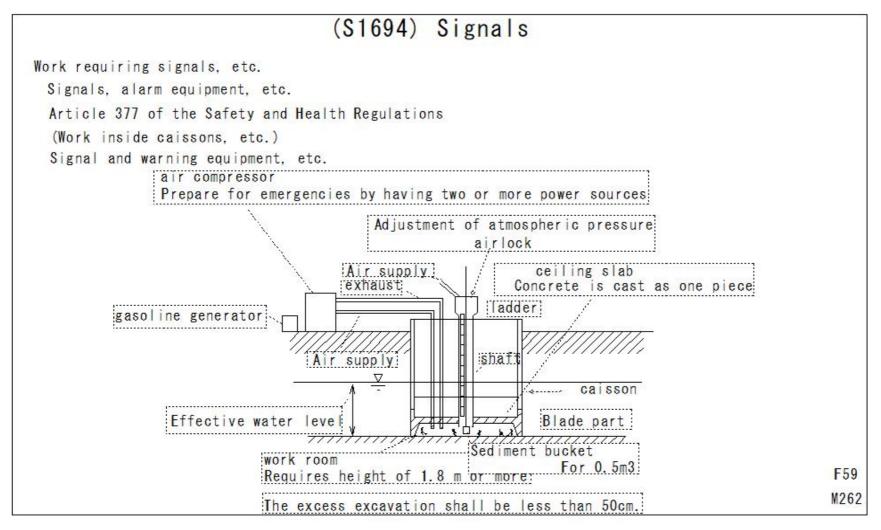
(S1692) Signals



(S1693) Signals



(S1694) Signals

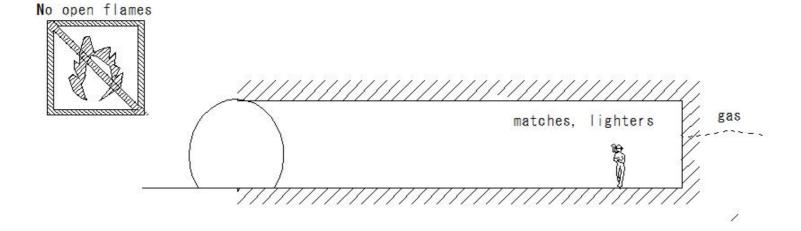


(S1695) Signals

(S1695) Signals

Work requiring signals, etc.

Article 382-3 of the Safety and Health Regulations (Installation of automatic warning devices, etc.)
Explosion or fire due to the presence of flammable gas Signal and warning equipment, etc.



\$1069

(S1696) Signals

(S1696) Signals

Work requiring signals, etc.

Article 389-9 of the Safety and Health Regulations

(Alarm equipment, etc.)

Construction of tunnels, etc.

In case of the distance from the entrance to the face reaches 100 meters

Signal and warning equipment, etc.

Labeling

Communication device

(alarm equipment) 100 meters

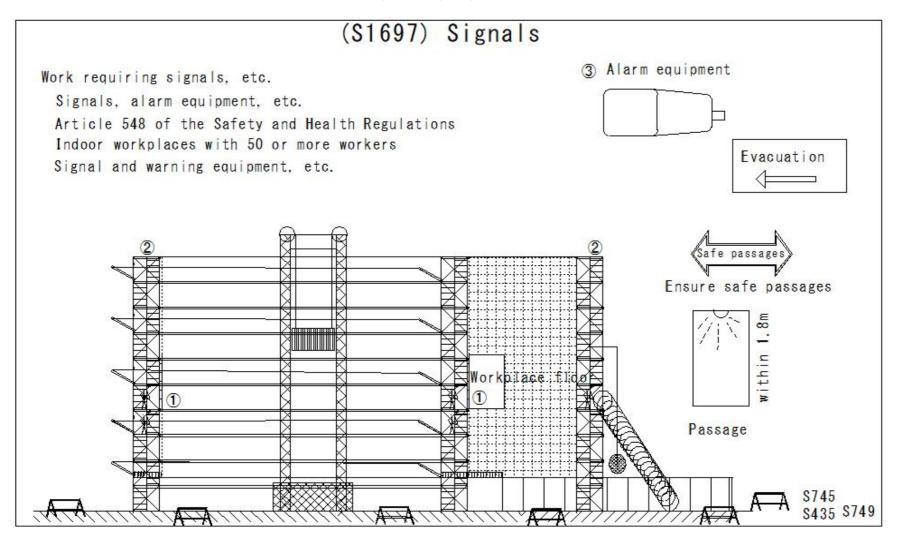
rock fall, flooding, gas explosion, fire

communication devices 500 meters

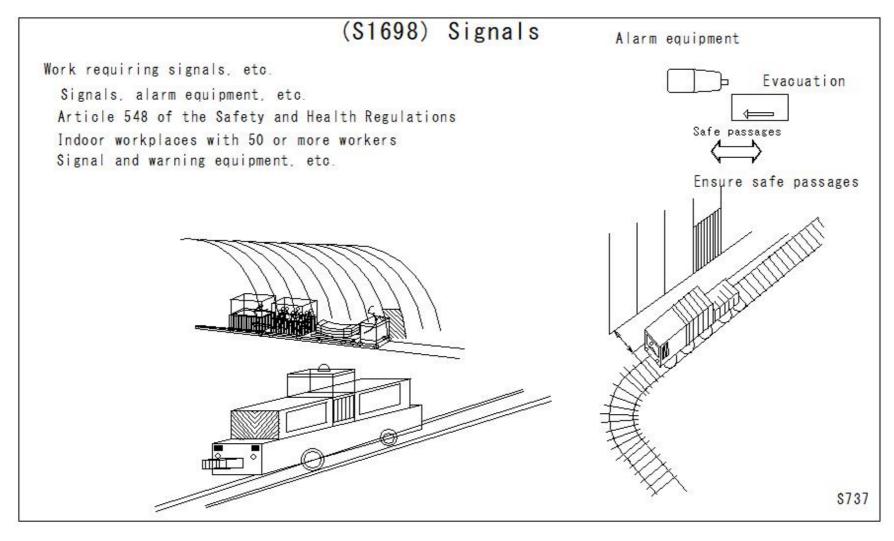
\$1077

\$1591

(S1697) Signals



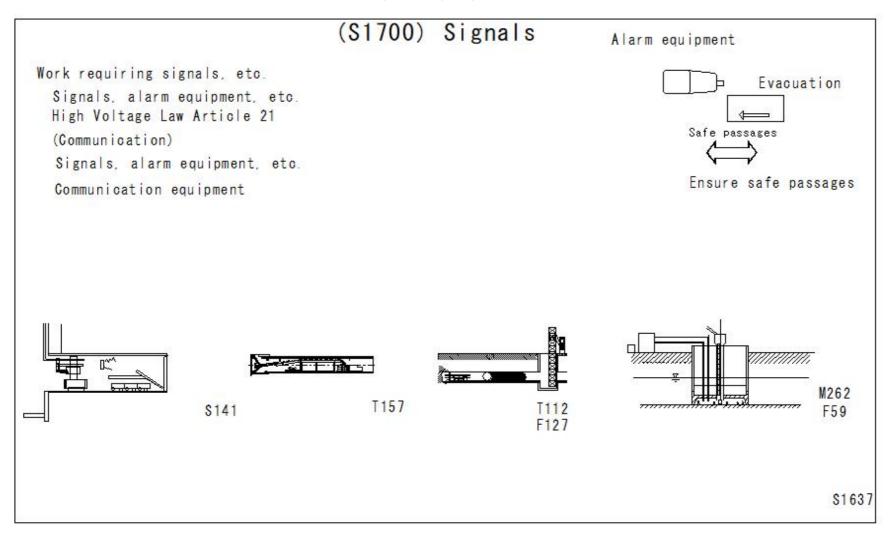
(S1698) Signals



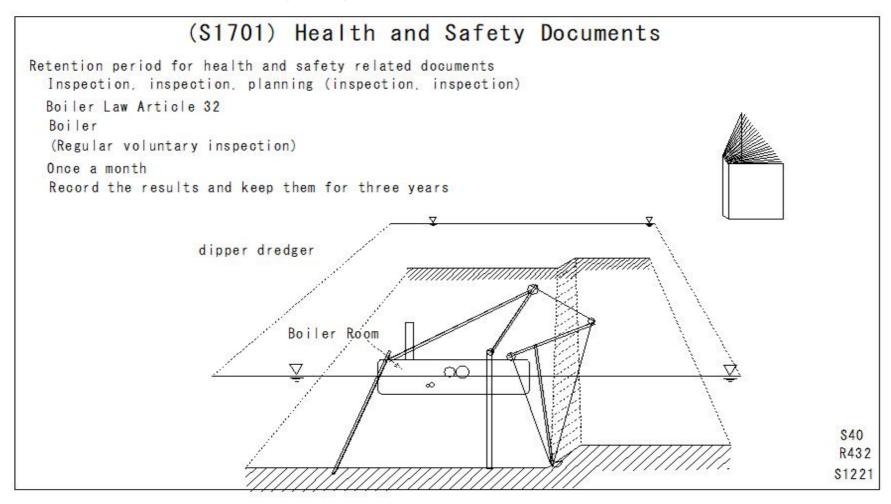
(S1699) Signals

(S1699) Signals Alarm equipment Work requiring signals, etc. Evacuation Signals, warning equipment, etc. Article 207 of the Safety and Health Regulations Safe passages (Signal equipment) Signal equipment according to the condition of the track equipment Ensure safe passages Signal and warning equipment, etc. M262 T157 T112 F59 \$141 F127 \$1637

(S1700) Signals



(S1701) Health and Safety Documents



(S1702) Health and Safety Documents

(S1702) Health and Safety Documents

Retention period for health and safety related documents

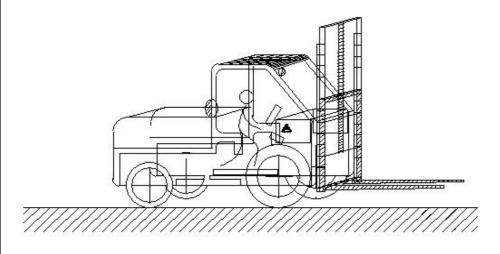
Inspection, inspection, planning (inspection, inspection)

Vehicle-mounted construction machinery

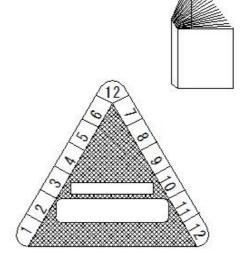
Safety and Health Regulations Article 169

Once a month

Record the results and keep them for three years





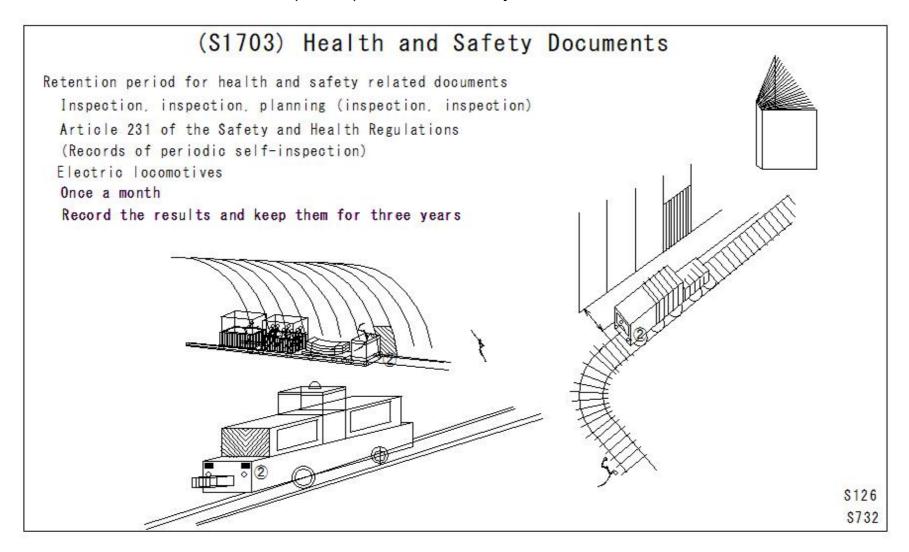


Inspection mark

\$22

\$594

(S1703) Health and Safety Documents



(S1704) Health and Safety Documents

(S1704) Health and Safety Documents

Retention period for health and safety related documents

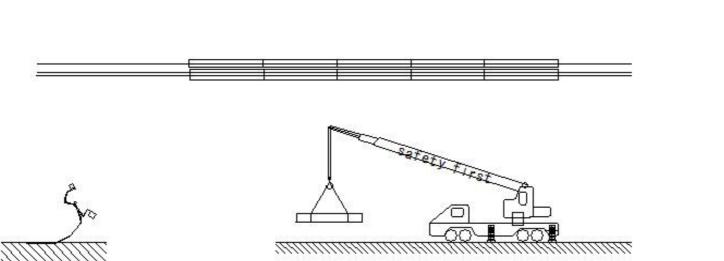
Inspection, inspection, planning (inspection, inspection)

Article 351 of the Safety and Health Regulations

(Periodic voluntary inspection of insulating protective equipment, etc.)

Once every six months

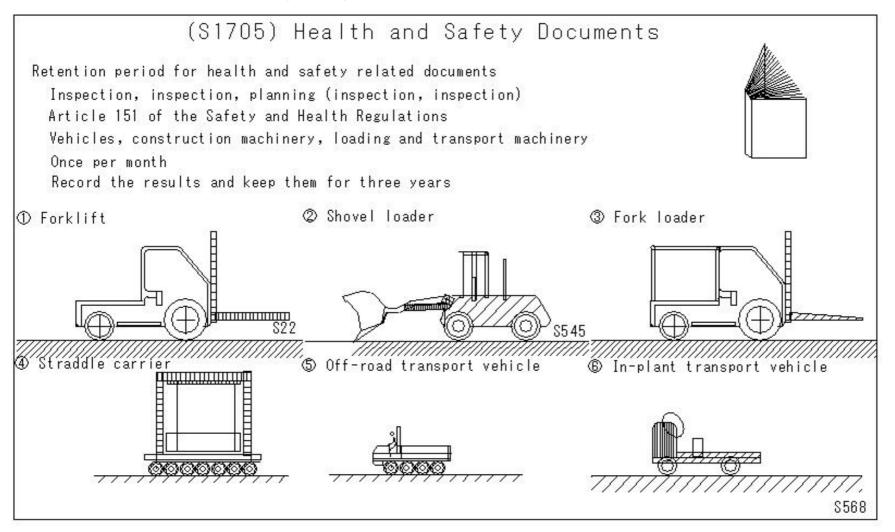
Record the results and keep them for three years



Measures to prevent electric shock

S697 S149 M393 S732

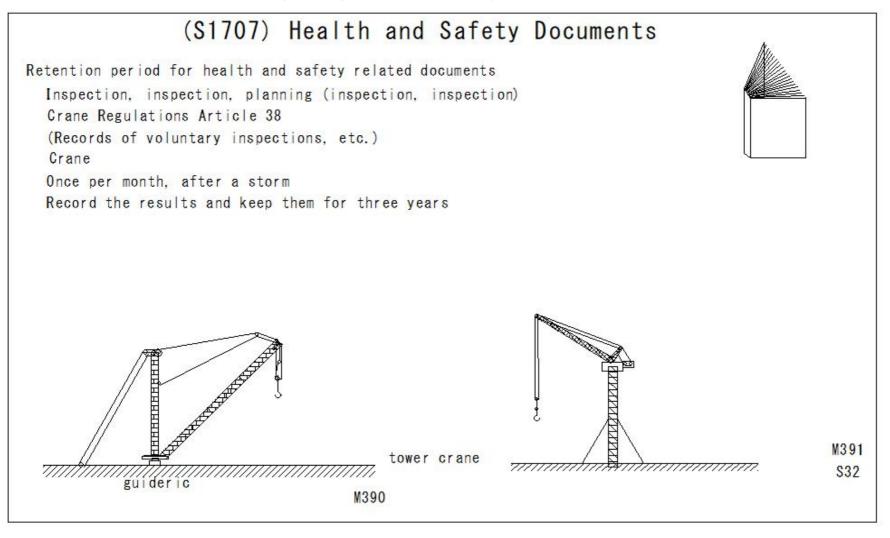
(S1705) Health and Safety Documents



(S1706) Health and Safety Documents

(S1706) Health and Safety Documents Retention period for health and safety related documents Inspection, inspection, planning (inspection, inspection) Article 194-25 of the Safety and Health Regulations Aerial work platform Once per month Record the results and keep them for three years \$322 aerial work vehicles \$635

(S1707) Health and Safety Documents



(S1708) Health and Safety Documents

(S1708) Health and Safety Documents

Retention period for health and safety related documents

Inspection, inspection, planning (inspection, inspection)

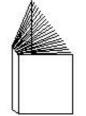
Crane Regulations Article 79

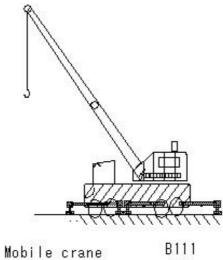
(Record of voluntary inspection)

Mobile crane

Once per month

Record the results and keep them for three years

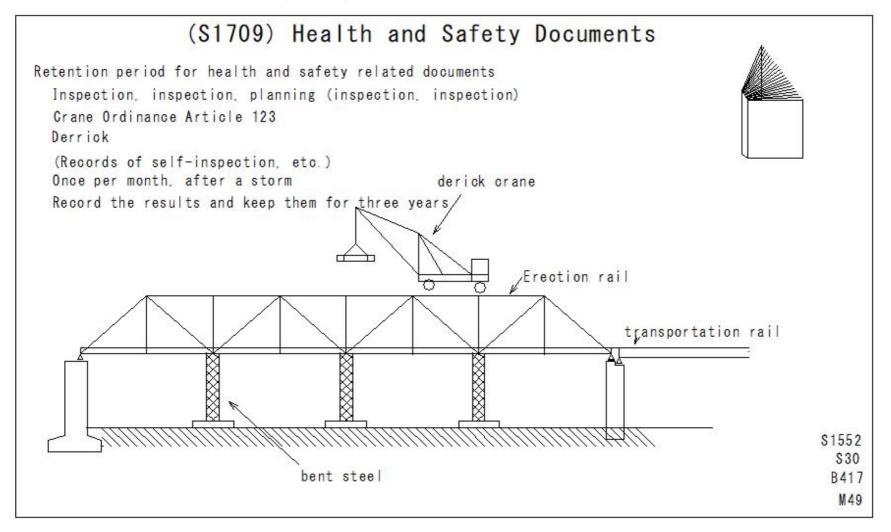




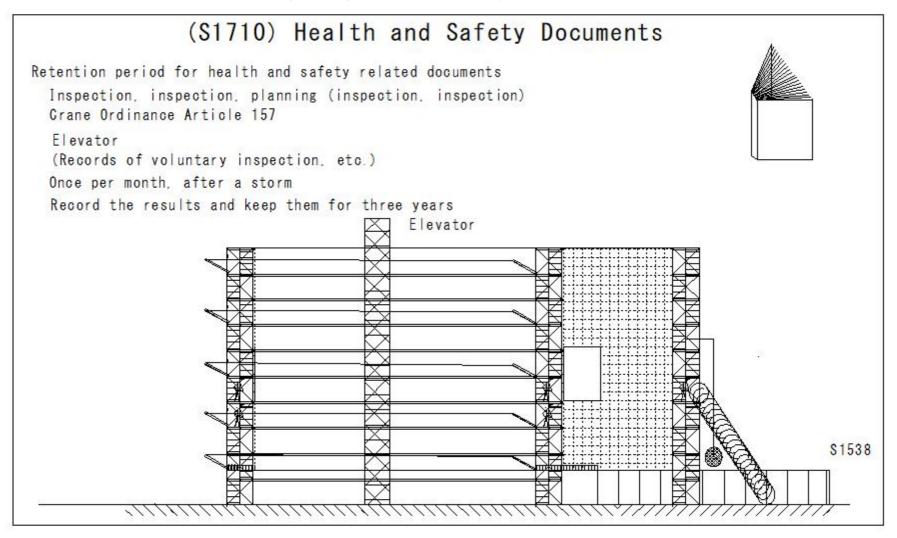
M46

\$32

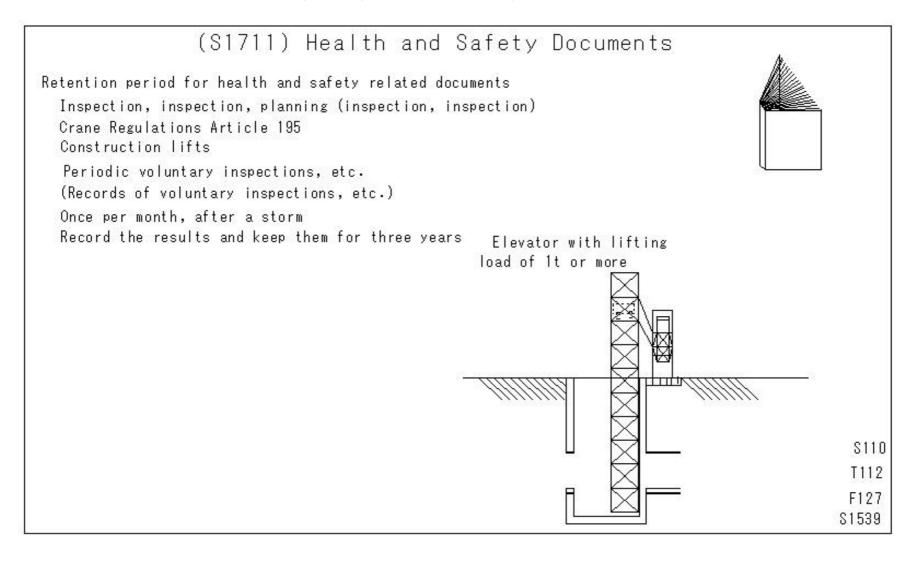
(S1709) Health and Safety Documents



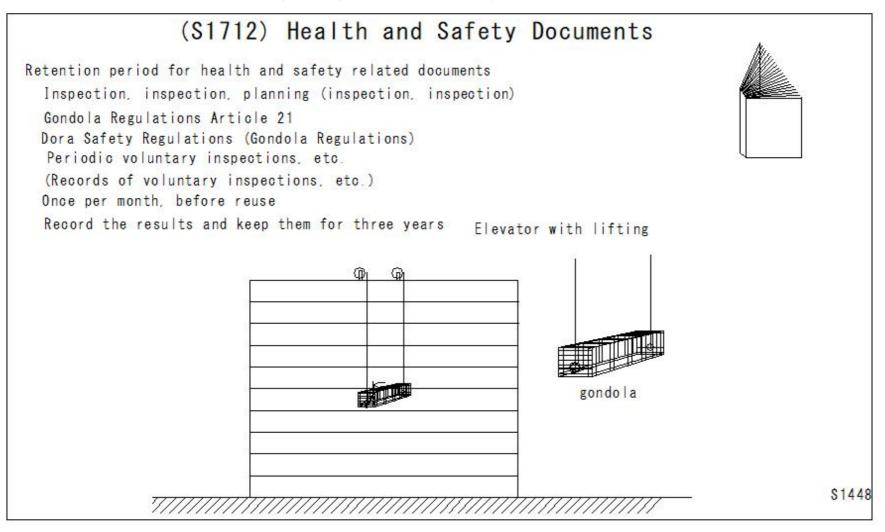
(S1710) Health and Safety Documents



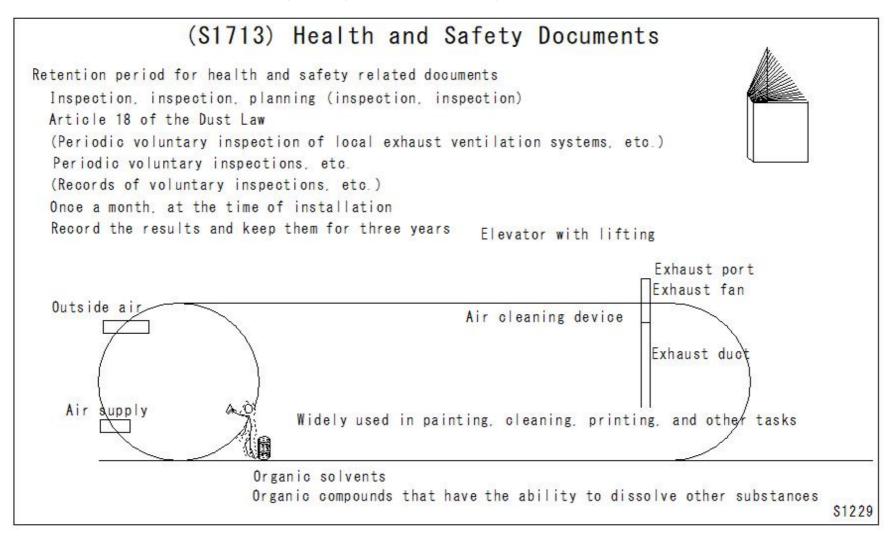
(S1711) Health and Safety Documents



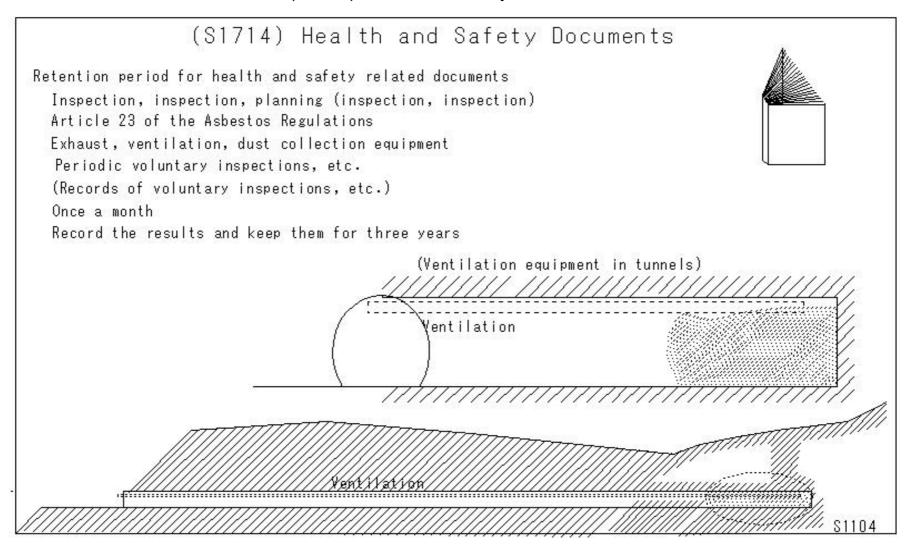
(S1712) Health and Safety Documents



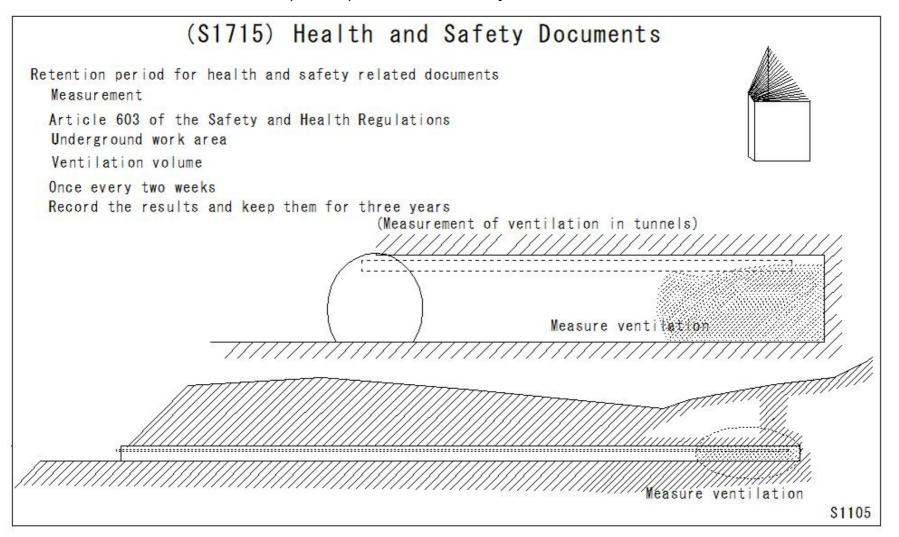
(S1713) Health and Safety Documents



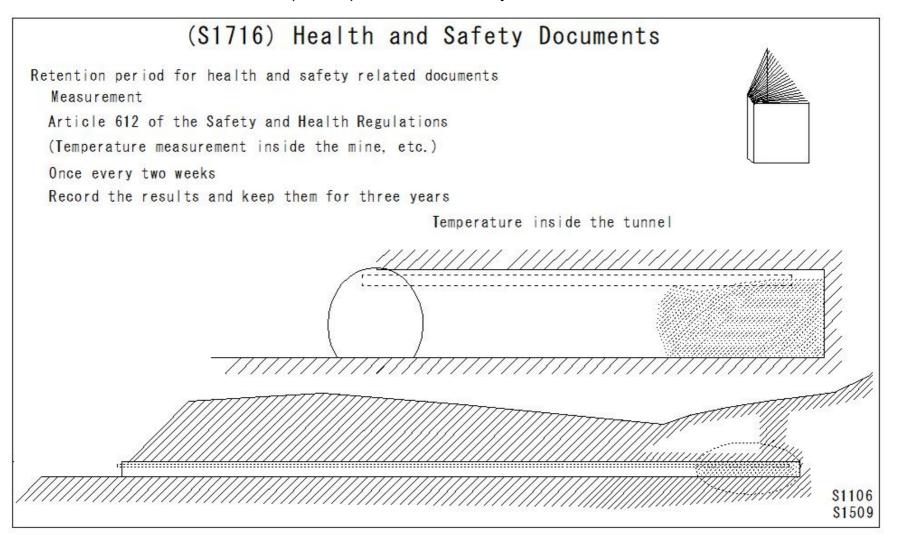
(S1714) Health and Safety Documents



(S1715) Health and Safety Documents



(S1716) Health and Safety Documents



(S1717) Health and Safety Documents

(S1717) Health and Safety Documents Retention period for health and safety related documents Measurement Article 592 of the Safety and Health Regulations (Measurement of carbon dioxide concentration in the mine, etc.) Once every two weeks Record the results and keep them for three years carbon dioxide \$1102

(S1718) Health and Safety Documents

(S1718) Health and Safety Documents

Retention period for health and safety related documents

Measurement

Oxygen deficiency measurement Article 3

(Work environment measurement, etc.)

Organic solvents, specific dust

Once every two weeks

Record the results and keep them for three years



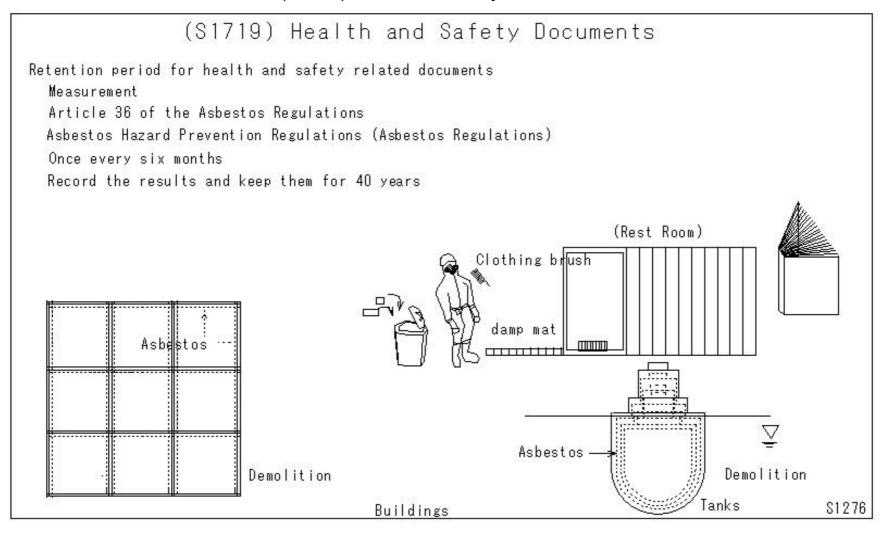
Widely used in painting, cleaning, printing, and other tasks



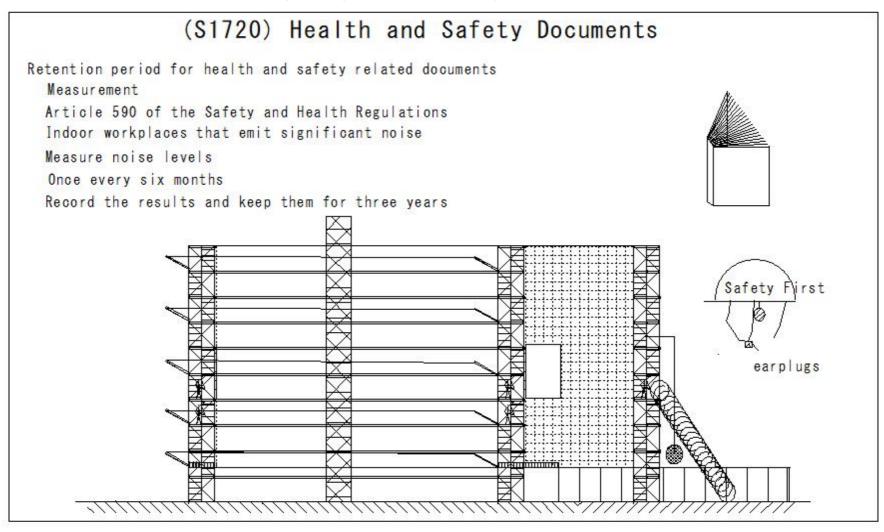
Organic compounds that have the ability to dissolve other substances
Organic solvents
\$1229

\$1429

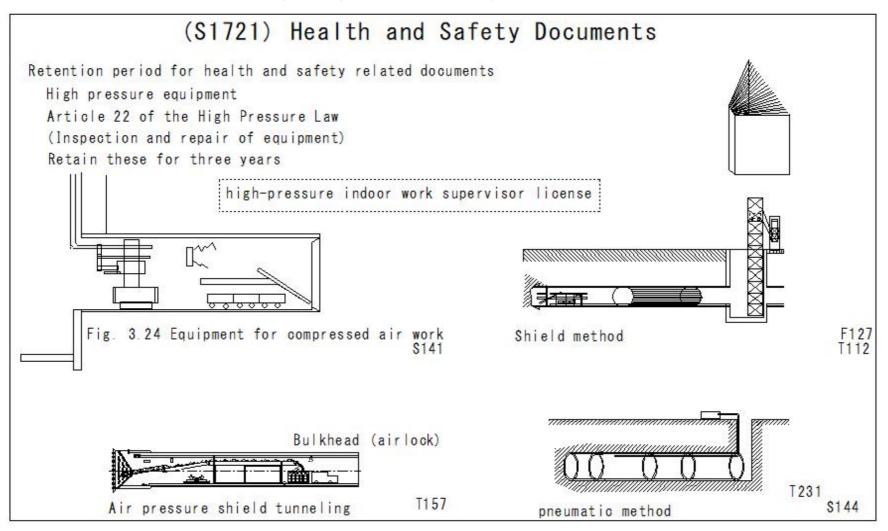
(S1719) Health and Safety Documents



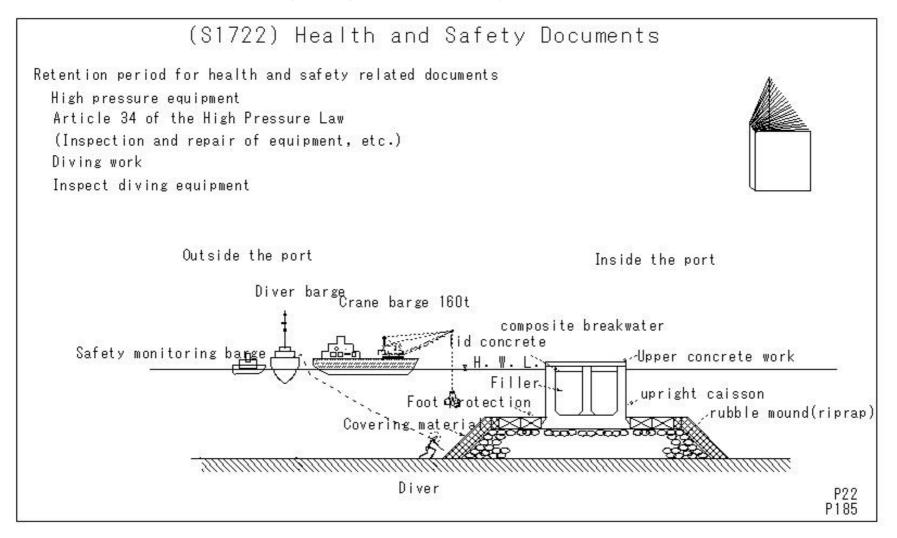
(S1720) Health and Safety Documents



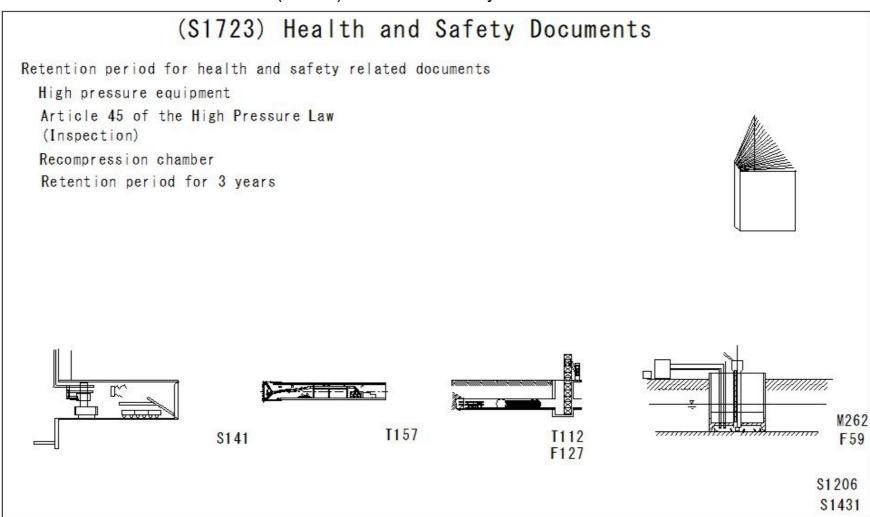
(S1721) Health and Safety Documents



(S1722) Health and Safety Documents



(S1723) Health and Safety Documents



(S1724) Health and Safety Documents

(S1724) Health and Safety Documents Retention period for health and safety related documents High pressure equipment Article 20-2 of the High Pressure Law (Records of work conditions, etc.) Record the date and time of decompression Keep for 3 years M262 T157 T112 \$141 F59 F127 \$1206 \$1431

(S1725) Health and Safety Documents

(S1725) Health and Safety Documents

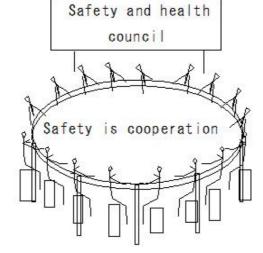
Retention period for health and safety related documents

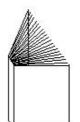
Article 23 of the Health and Safety Act

(Committee meetings)

Health and Safety Committee

Keep for 3 years



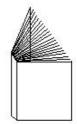


\$309

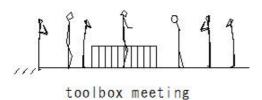
(S1726) Health and Safety Documents

(S1726) Health and Safety Documents

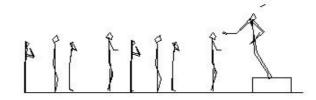
Retention period for health and safety related documents
Article 38 of the Safety and Health Regulations
Special training
Keep for 3 years



Special training

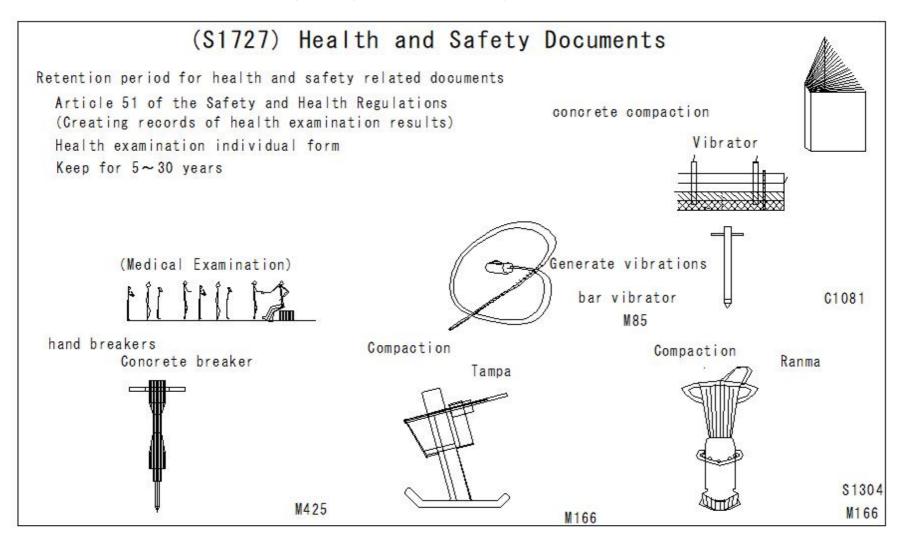


Inform

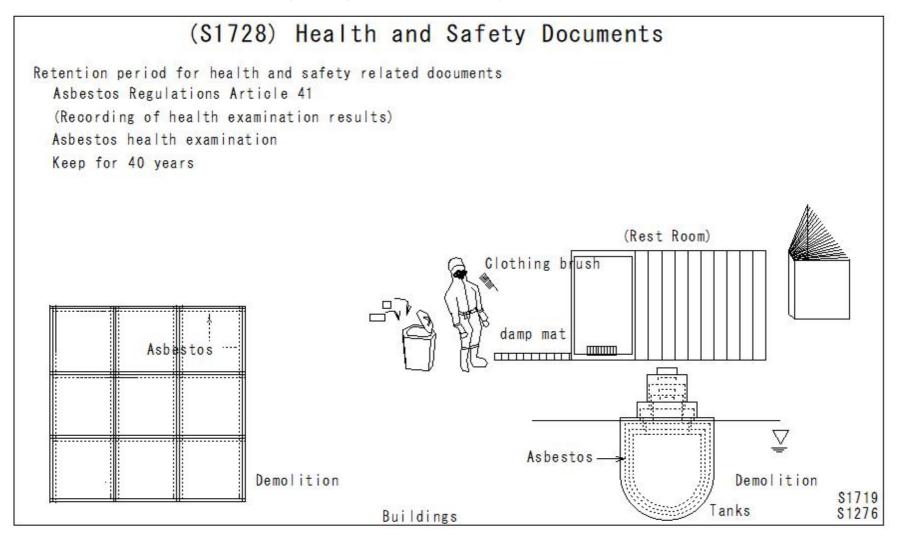


\$800

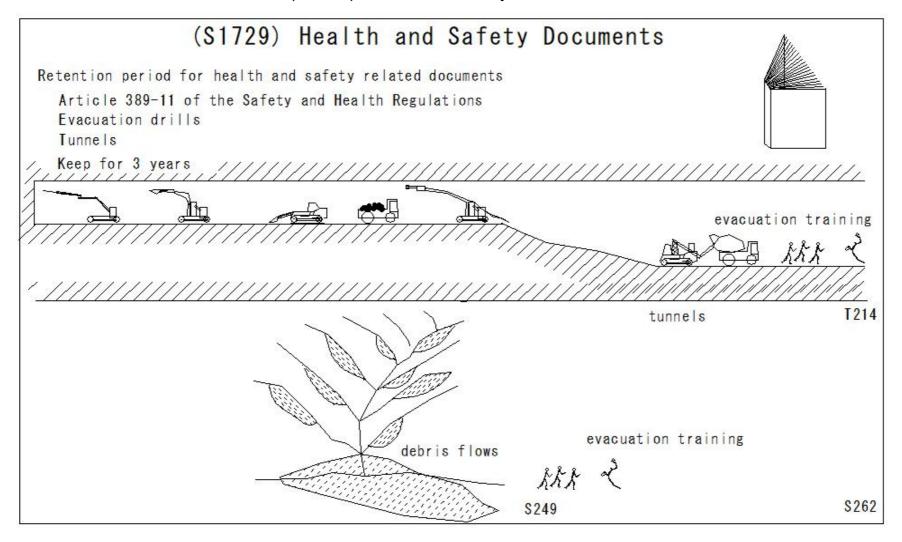
(S1727) Health and Safety Documents



(S1728) Health and Safety Documents



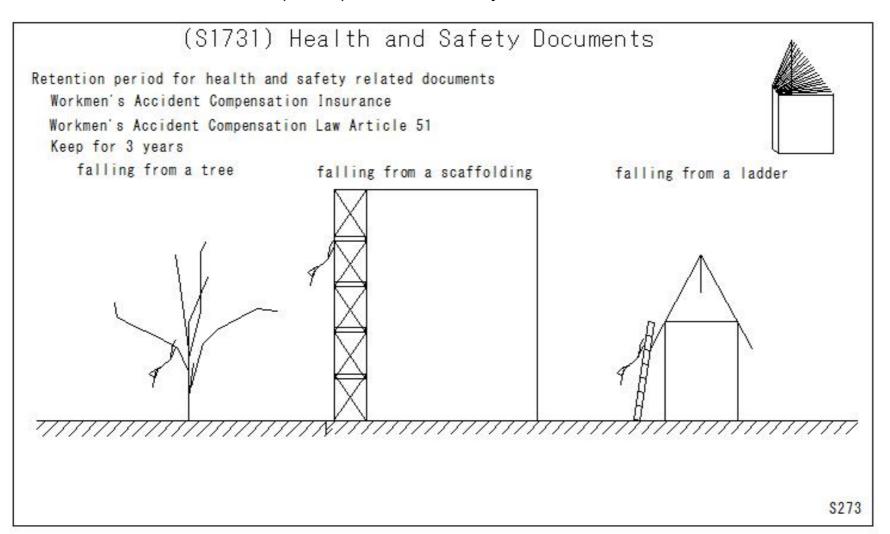
(S1729) Health and Safety Documents



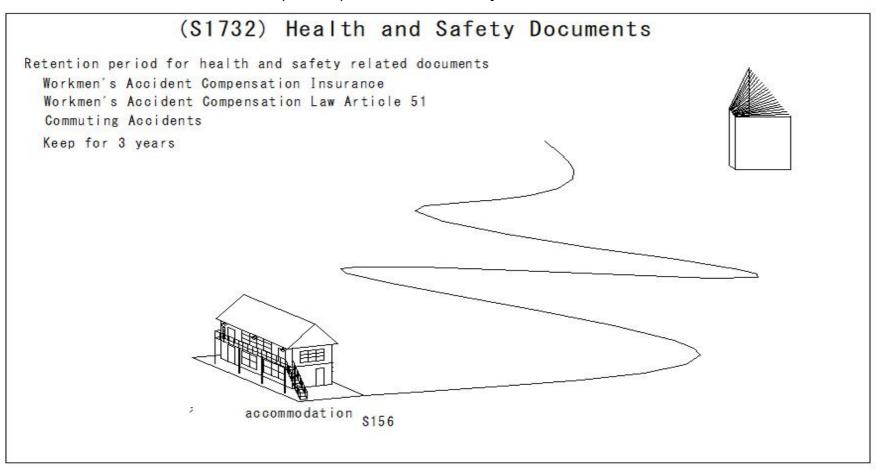
(S1730) Health and Safety Documents

(S1730) Health and Safety Documents Retention period for health and safety related documents Article 24-4 of the Safety and Health Regulations (Rescue training) Keep for 3 years (Training for evacuation, etc.) flammable gas \$1081

(S1731) Health and Safety Documents



(S1732) Health and Safety Documents



(S1733) Safety terminology

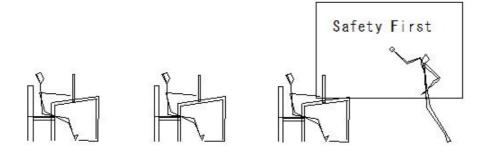
(S1733) Safety terminology

CFT

Construction Foreman Trainer

Article 60 of the Industrial Safety and Health Act

- 1 A foreman who has been newly appointed to a position
- 2 To those who directly supervise or guide
- 3 To provide education on safety or health



(S1734) Safety terminology

(S1734) Safety terminology

COHSMS

Construction Occupational Health and Safety Management System



\$1725

(S1735) Safety terminology

(S1735) Safety terminology

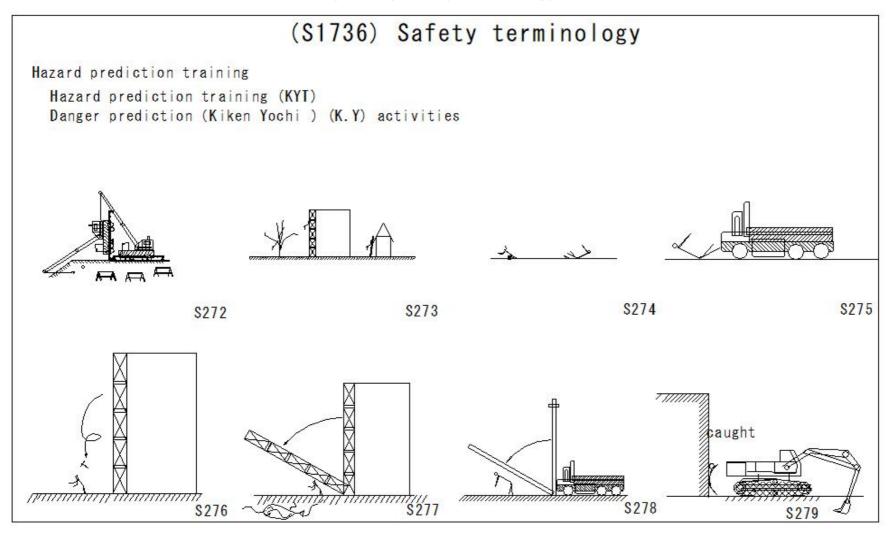
Danger prediction (Kiken Yochi) (K.Y) activities

[Purpose of KY activities]

- 1 Prevent possible workplace accidents at the workplace
- 2 Raise safety awareness in the workplace
- 3 Employees take measures to protect their own safety and the safety of their colleagues
- 4 Improve the productivity and sustainability of the company

Date	Hazard pro	Hazard prevention activity chart	
Work content			
Points of danger			
How what we do			
Group name	Leader name	Worker	

(S1736) Safety terminology

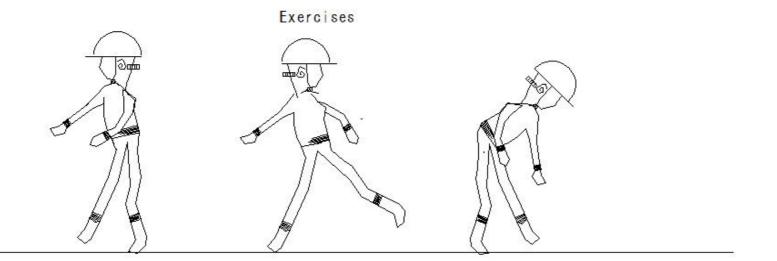


(S1737) Safety terminology

(S1737) Safety terminology

OHSAS

OHSAS is a management system for protecting the physical and mental health of people working in companies.

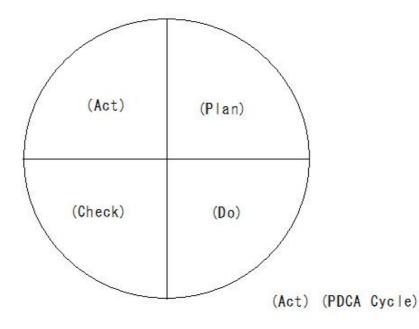


\$1325

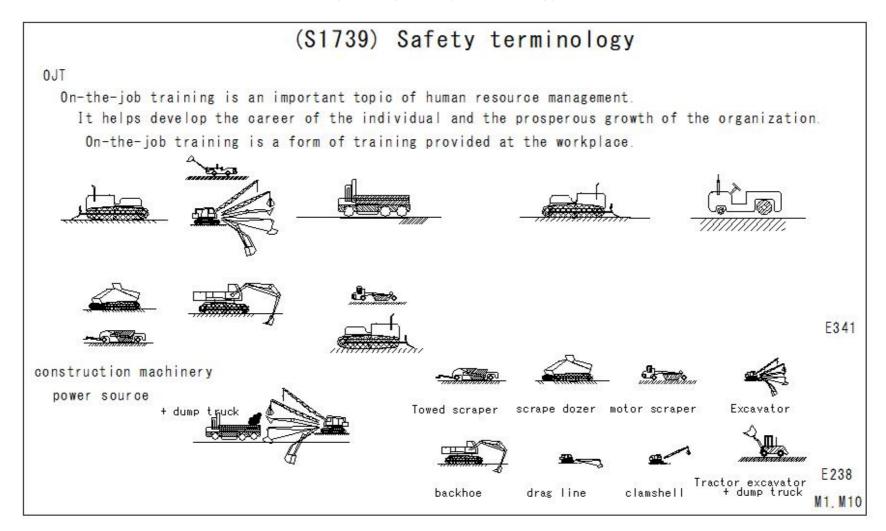
(S1738) Safety terminology

(S1738) Safety terminology

「OSHMS」Occupational Safety and Health Management System
(Plan) - (Do) - (Check) - (Act) (PDCA Cycle)



(S1739) Safety terminology



(S1740) Safety terminology

(S1740) Safety terminology

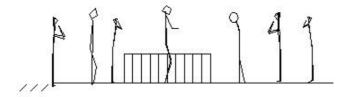
RST

Roadshop Safety and Health Education Trainer

Article 60 of the Industrial Safety and Health Act Safety and health education (foreman education)

- 1. Safety and health knowledge for foremen
- 2. Work procedures, worker placement, and methods of instruction and education
- Learn about risk and hazard investigations,
 measures to take in the event of an abnormality or disaster, etc.

Roadshop Safety and Health Education Trainer



(S1741) Safety terminology

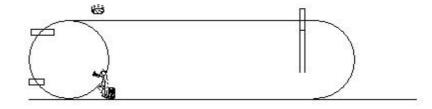
(S1741) Safety terminology

SDS

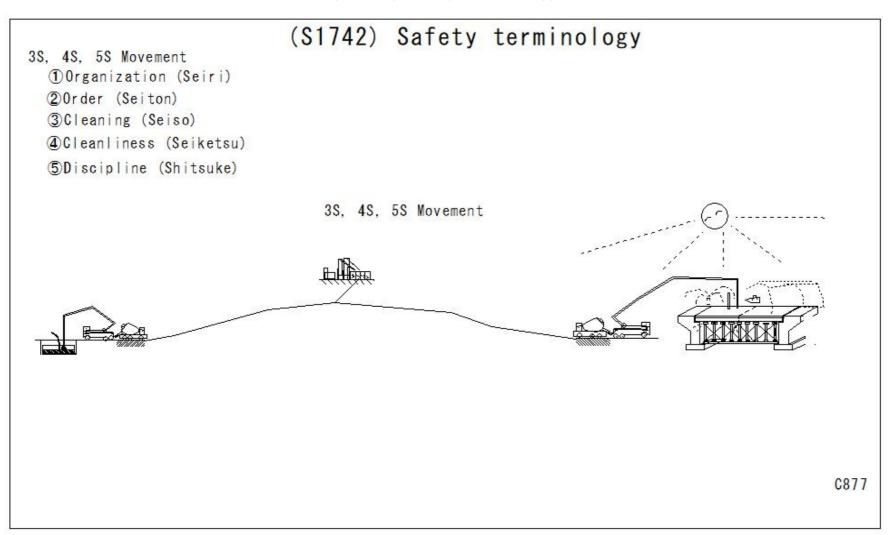
Documents regarding the handling of hazardous substances

and their guidance, composition and properties

- ① Product Name
- 2 Hazard and hazard summary Uses GHS-compliant pictograms and warning words
- 3 Composition and ingredient information
- (4) First aid measures
- (5) Fire measures
- 6 Leakage measures
- Thandling and storage precautions
- ® Exposure prevention and personal protection measures
- Physical and chemical properties
- 1 Stability and reactivity
- 11 Hazard information
- 12 Environmental impact information
- 13 Disposal precautions
- 14 Transportation precautions
- (§ Applicable laws and regulations
- 16 Other information



(S1742) Safety terminology



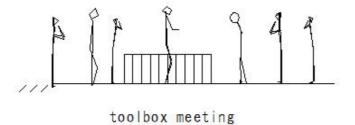
(S1743) Safety terminology

(S1743) Safety terminology

TBM

Tool Box Meeting

A meeting to discuss work details and health and safety before starting work



(S1744) Safety terminology

(S1744) Safety terminology Earth Grounding is the electrical connection of electrical equipment and circuits to the earth. It is used to prevent accidents such as electric shock, short circuit, and fire. Generator [CX0XX0XX] Terminal U V W O [Purpose of grounding] 0000 (1) Prevent accidents such as electric shock, short circuit, and fire 2 Safely discharge current caused by lightning to the ground 3 Ensure stable operation of electrical equipment 4 Suppress the generation of static electricity 7777877 100 Ω or less Earth rod \$705

(S1745) Safety terminology

(S1745) Safety terminology

Eye splice

This is a technique for making a loop (eye) at the end of a wire rope to make a rope for slinging cargo or attaching to a platform.



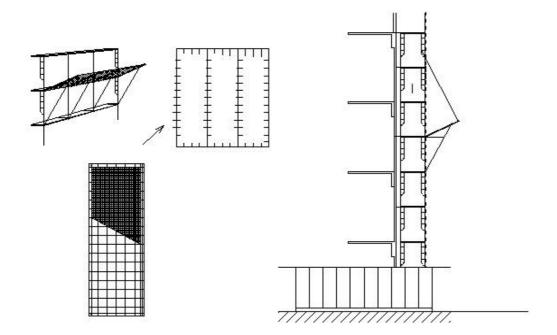
1 Eye wire rope on both ends: Eye splice

(S1746) Safety terminology

(S1746) Safety terminology

protective fence

- ① In case of setting up temporary scaffolding for high-altitude work adjacent to public roads or sidewalks
- 2 Installation of protective plates to prevent injury from falling objects



\$868

(S1747) Safety terminology

(S1747) Safety terminology

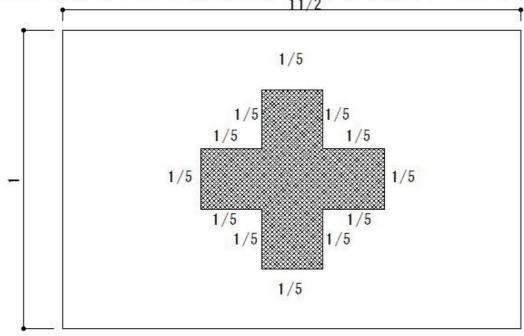
Safety flag

The safety flag is a flag that expresses wishes for safety and hygiene,

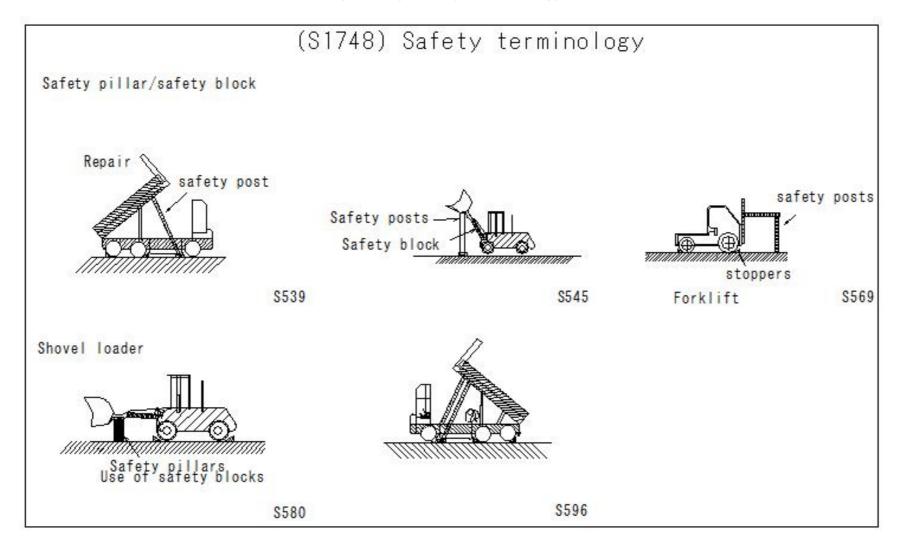
and is used as a symbol of construction sites and safety weeks.

[Origin of the safety flag]

A green cross mark on a white background, it is the symbol of safety and hygiene. $\frac{11/2}{}$



(S1748) Safety terminology

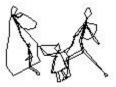


(S1749) Safety terminology

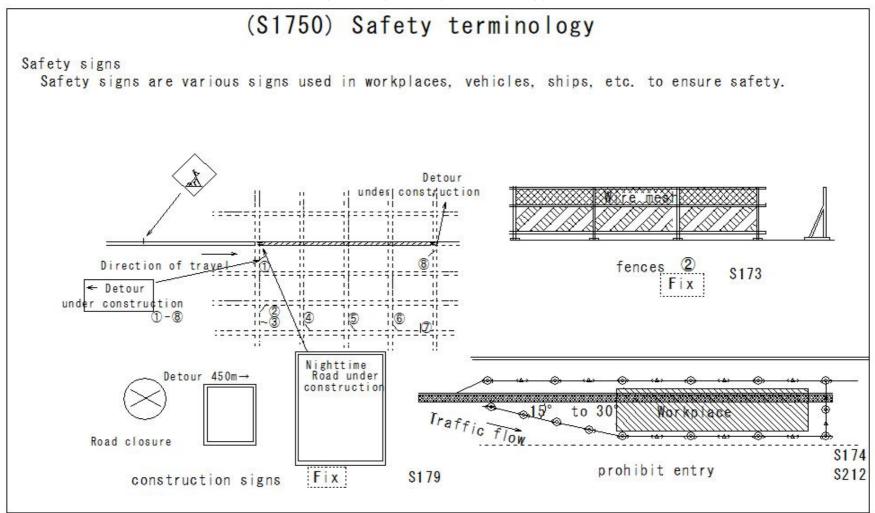
(S1749) Safety terminology

Safety first
Hazard prediction activity practice manual
Safety is the most important thing

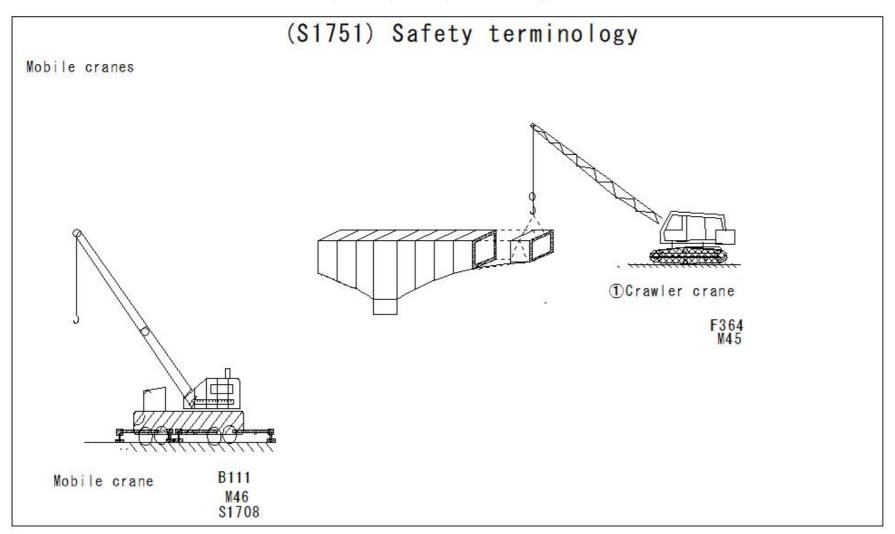
Safety first



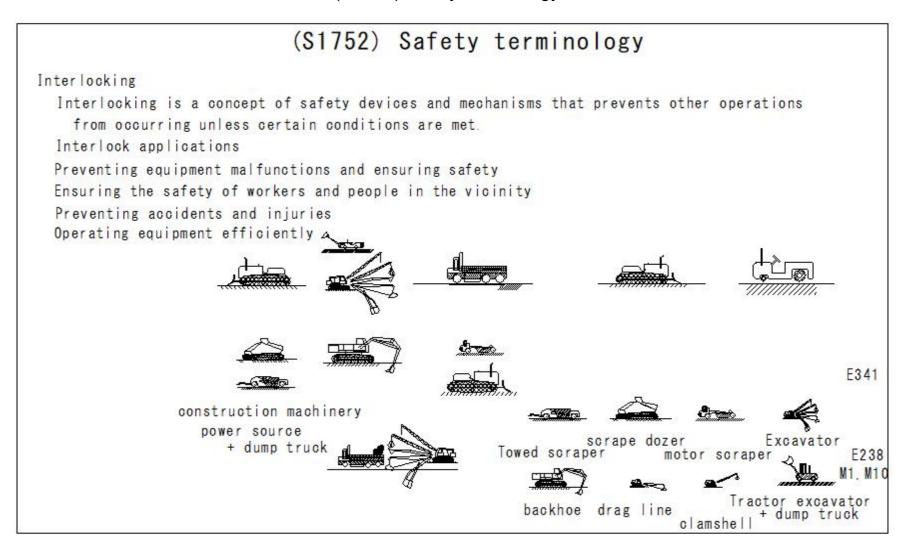
(S1750) Safety terminology



(S1751) Safety terminology



(S1752) Safety terminology



(S1753) Safety terminology

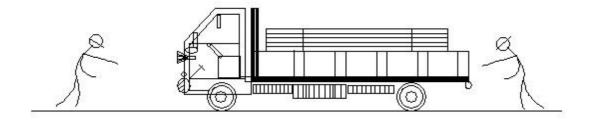
(S1753) Safety terminology

Freight vehicles

Freight vehicles are automobiles used to transport cargo, such as trucks and vans.

[Types of freight vehicles]

Trucks: Classified into large, medium and small depending on the size and weight of the vehicle body and the maximum load capacity.



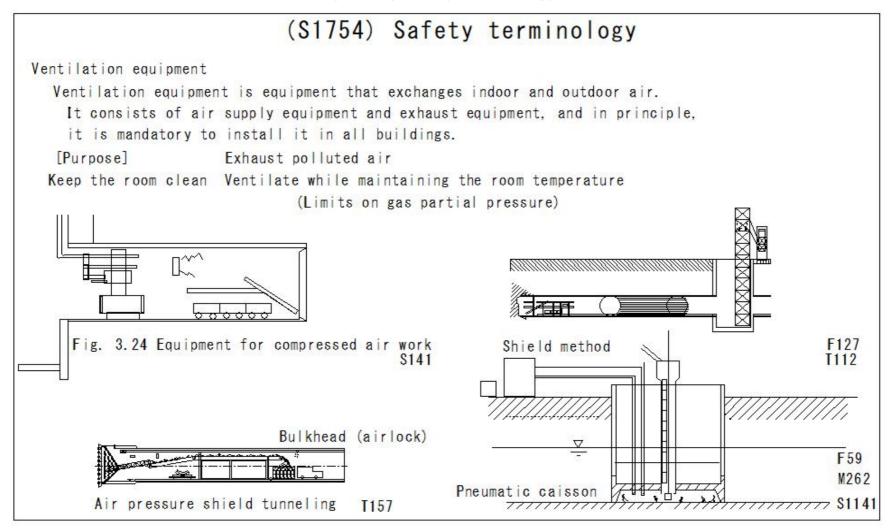
Freight vehicle

\$1425

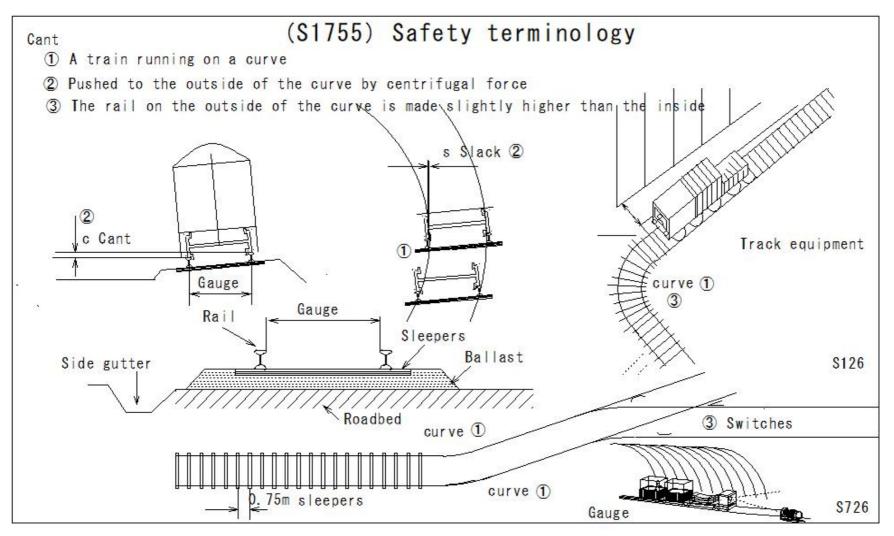
\$622

\$1436

(S1754) Safety terminology



(S1755) Safety terminology



(S1756) Safety terminology

(S1756) Safety terminology

Mechanical logging equipment

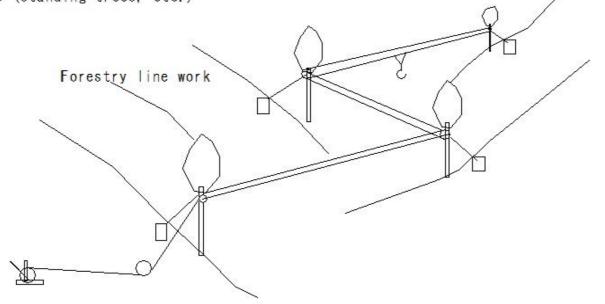
[Main components of mechanical logging equipment]

Logging equipment (forwarders, skidders, logging vehicles, logging tractors, etc.)

Overhead wires (wire ropes)

Carriers (containers for transporting logs)

Support poles (standing trees, etc.)

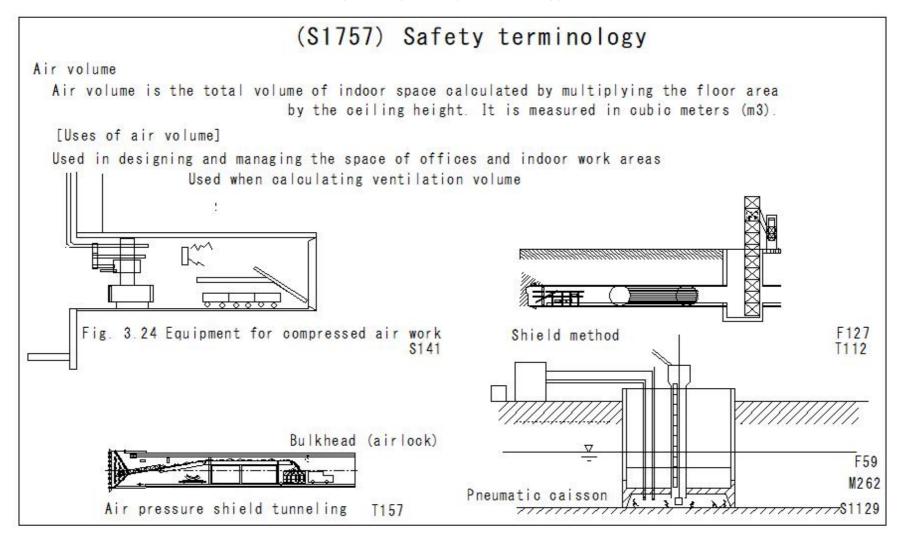


\$1416

\$1524

\$1560

(S1757) Safety terminology



(S1758) Safety terminology

(S1758) Safety terminology

Machine weight

Machine weight is the dry weight of the machine body only with the working equipment removed (weight without fuel, oil, water, etc.).

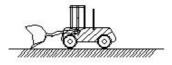
[Example of machine weight]

The machine weight of a vehicle-type construction machine is the weight of the machine body used for leveling, transporting, loading, and excavation.

loading bucket



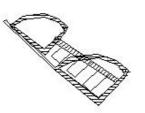
Crawler type tractor excavator



tractor excavator

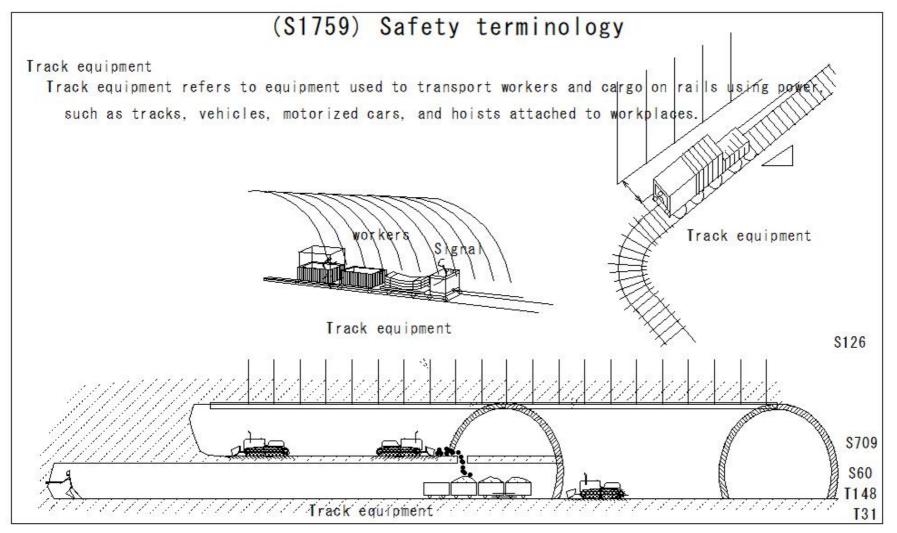




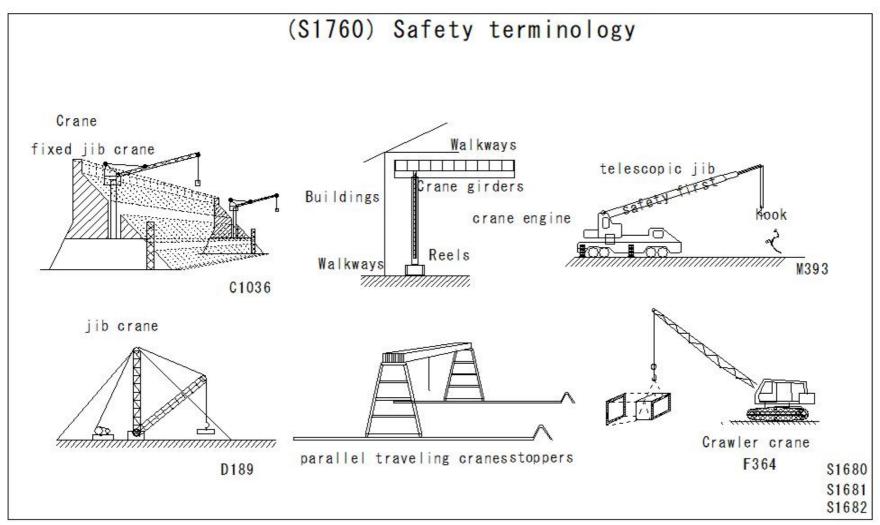




(S1759) Safety terminology



(S1760) Safety terminology

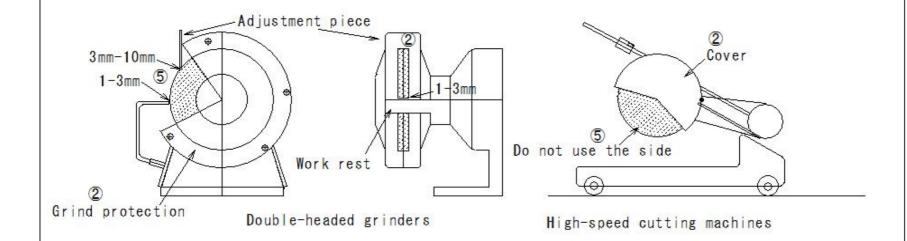


(S1761) Safety terminology

(S1761) Safety terminology

Grinding wheel

A grinding wheel is a cutting tool that rotates at high speeds with power to grind the workpiece with countless sharp grains, resulting in a beautiful finished surface and the correct dimensions.

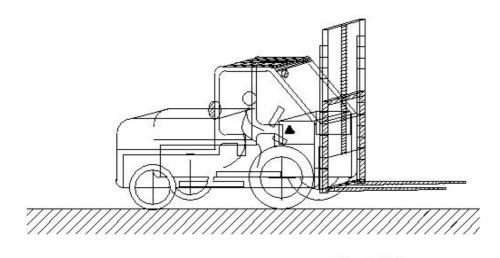


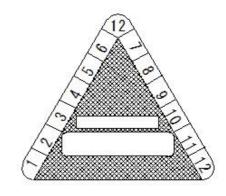
(S1762) Safety terminology

(S1762) Safety terminology

Inspection mark Vehicle-mounted construction machinery

The government periodically checks whether an automobile complies with safety and environmental standards.



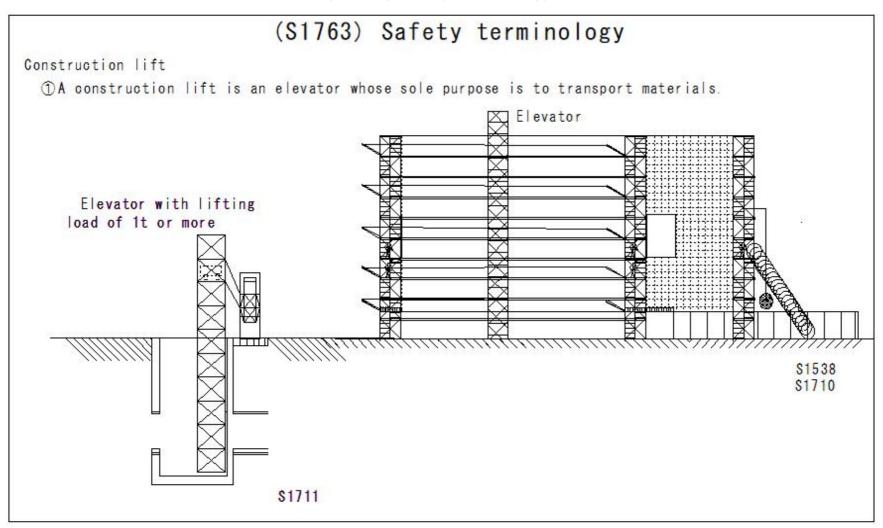


Inspection mark

Forklift

\$22

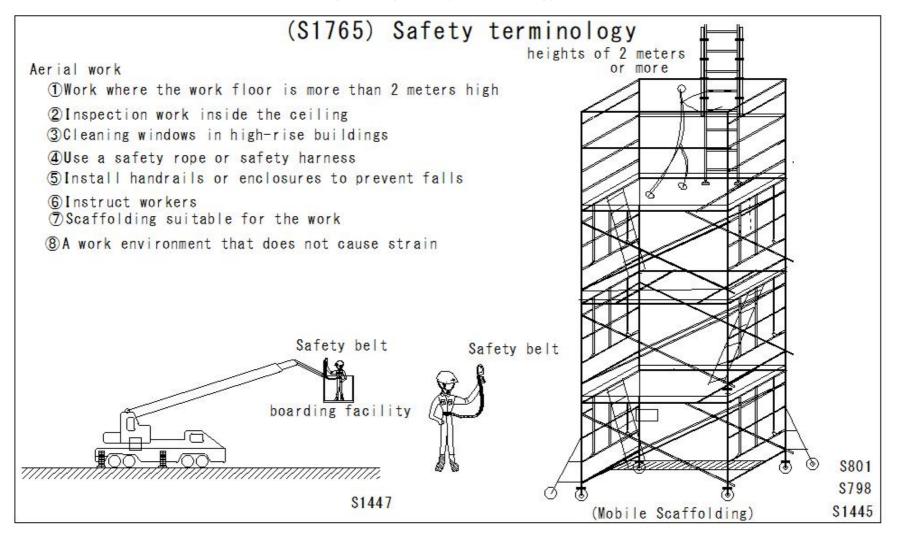
(S1763) Safety terminology



(S1764) Safety terminology

(S1764) Safety terminology Aerial work platform 1 Elevated work platform is a machine that can raise the work platform by 2m or more. and is composed of a lifting device, a running device, etc. aerial work vehicles work plan \$322 \$635 \$1444

(S1765) Safety terminology

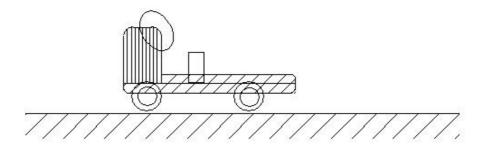


(S1766) Safety terminology

(S1766) Safety terminology

In-plant transport vehicle

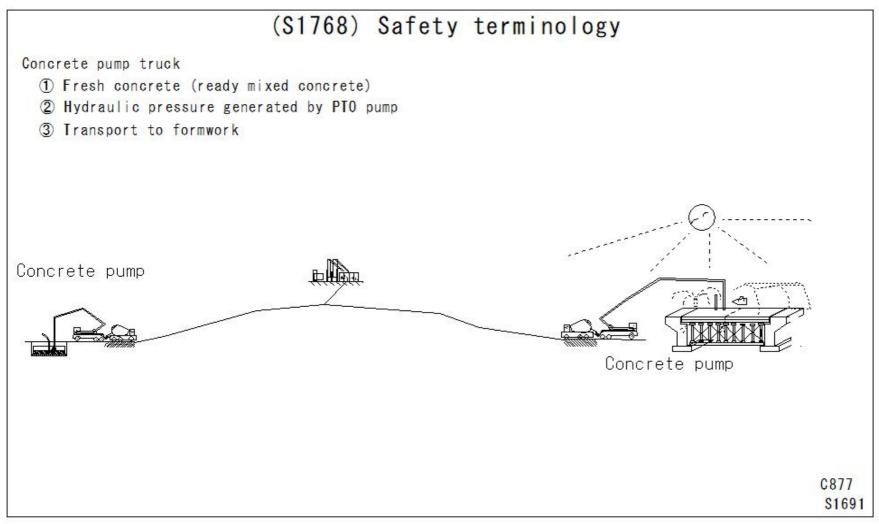
- 1 A vehicle that drives within the premises of a factory or warehouse to carry goods
- 2 A cart-type vehicle
- 3 Only drives within the premises
- 4 Speed ?? limited to 15km/h or less
- 5 Headlights and head guards
- 6 Brakes and other braking devices, horns, steering wheels and turn signals
- 7 Equipment to prevent collisions with people
- 8 A work environment that does not cause strain
 - 6 In-plant transport vehicle



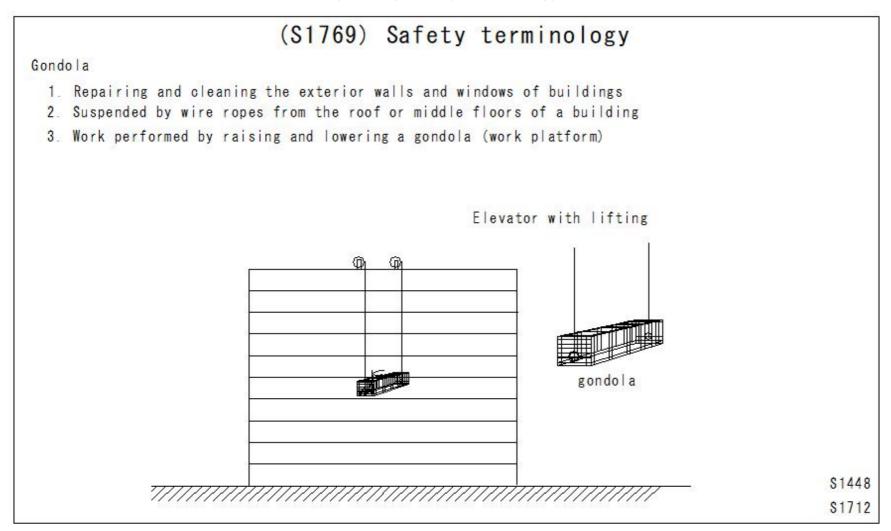
(S1767) Safety terminology

(S1767) Safety terminology Loading material Blazing load material ①Loading material must not damage the electric detonator's legs or fuse when loading. More dynamite Euse blasting the fuse electric blasting \$140

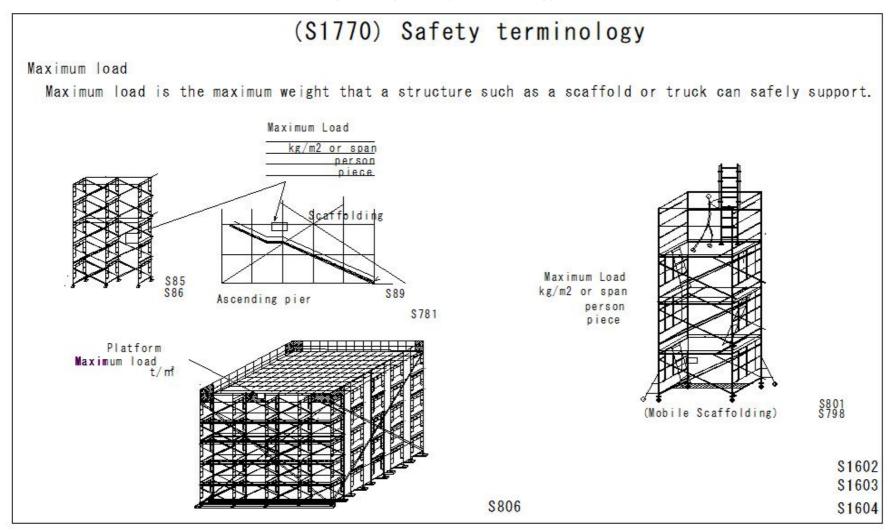
(S1768) Safety terminology



(S1769) Safety terminology



(S1770) Safety terminology

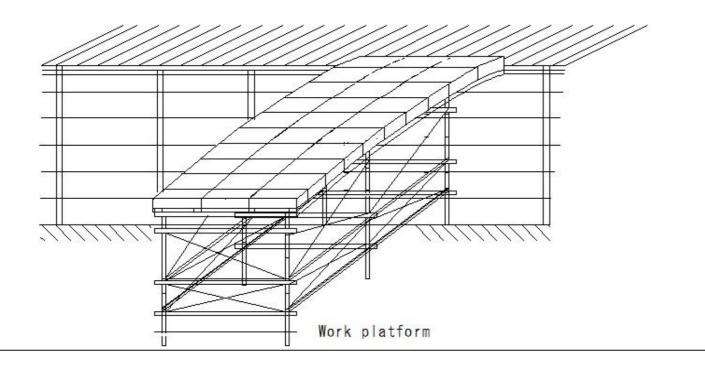


(S1771) Safety terminology

(S1771) Safety terminology

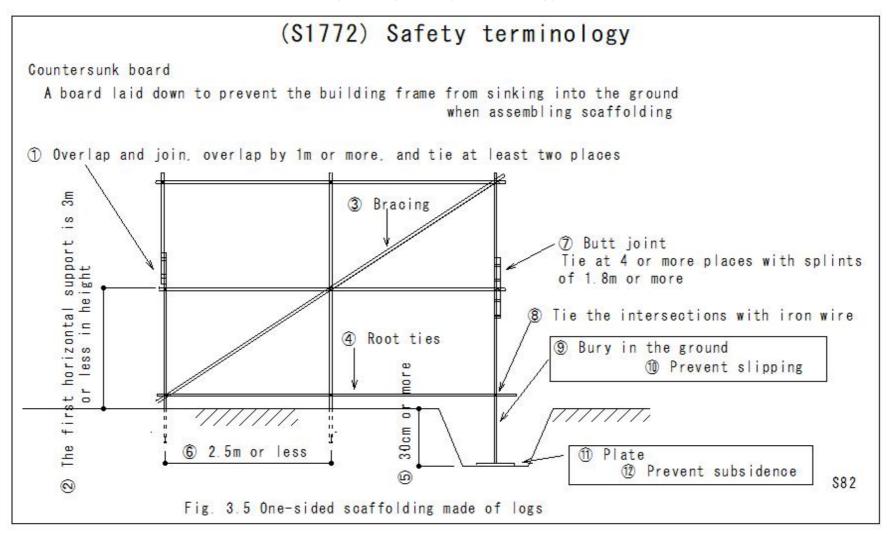
Work platform

A work platform is a temporary structure over 2m high that is installed at construction sites to store materials and machinery, and to set up and move construction

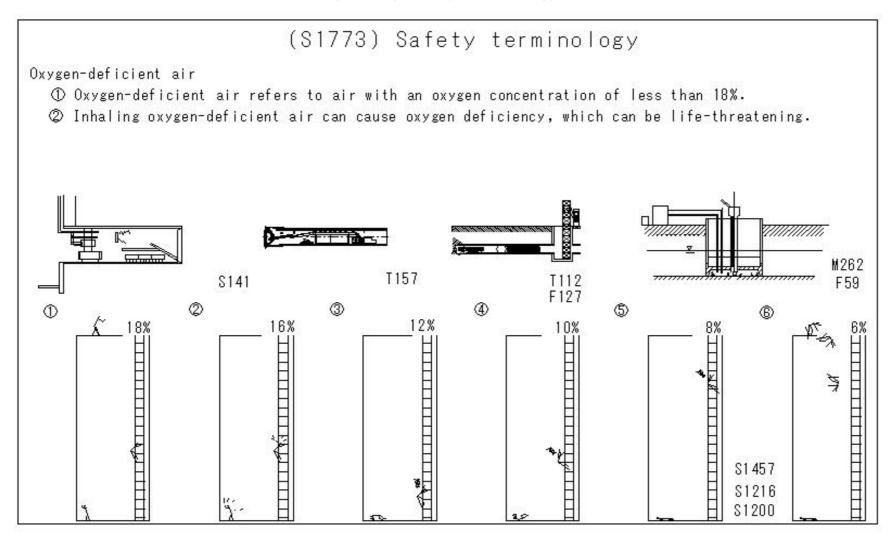


\$109 \$1615

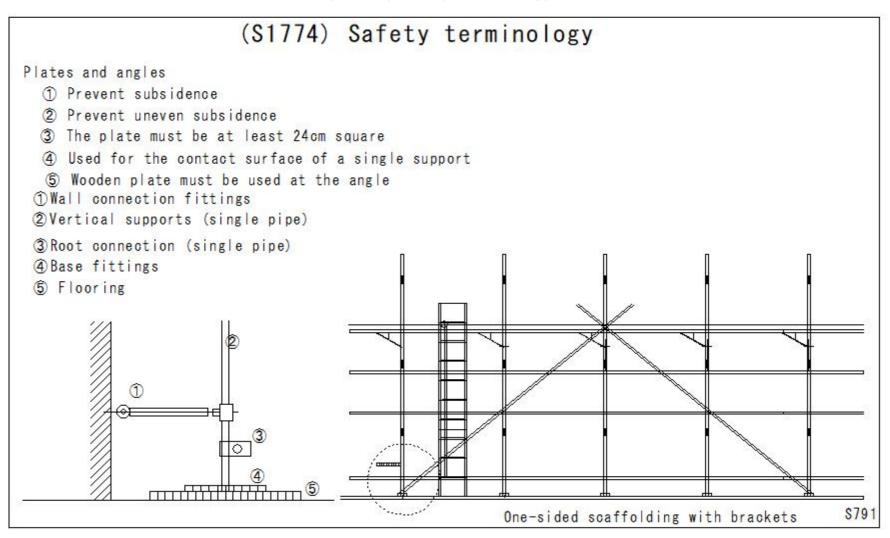
(S1772) Safety terminology



(S1773) Safety terminology



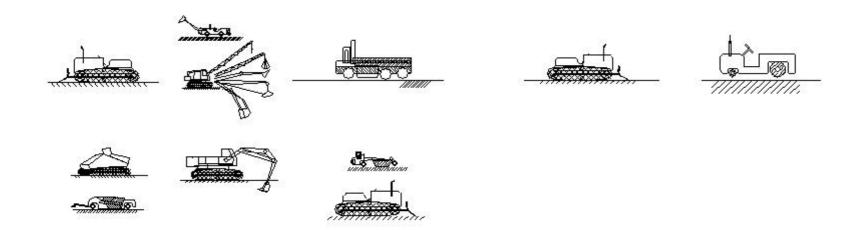
(S1774) Safety terminology



(S1775) Safety terminology

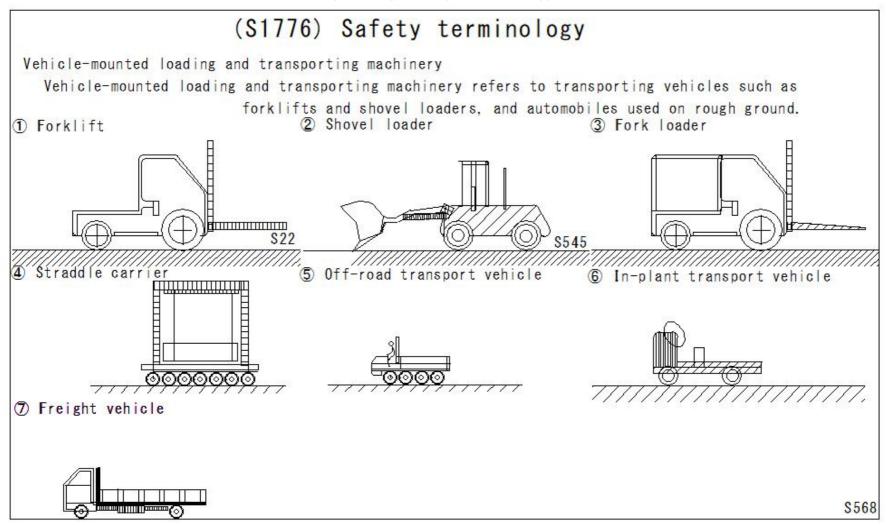
(S1775) Safety terminology

Vehicle-mounted construction machinery
For leveling, transporting, and loading

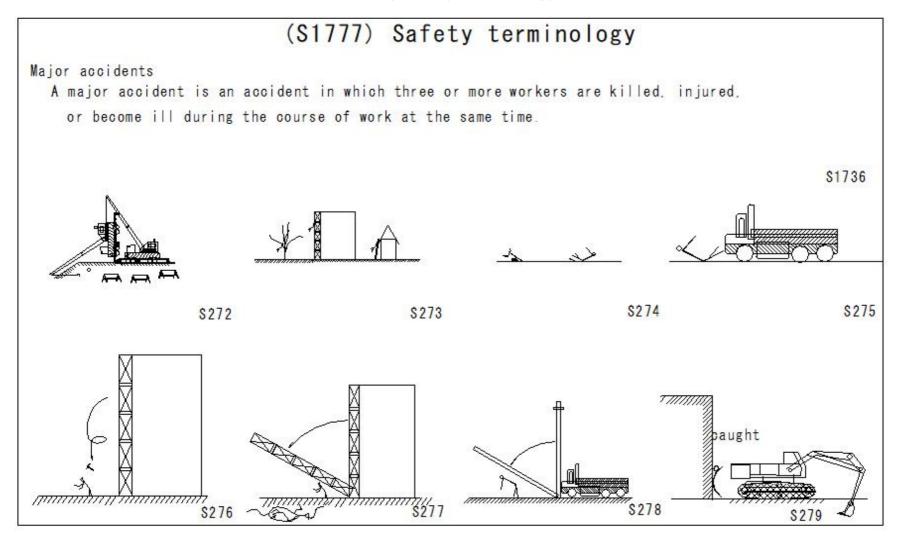


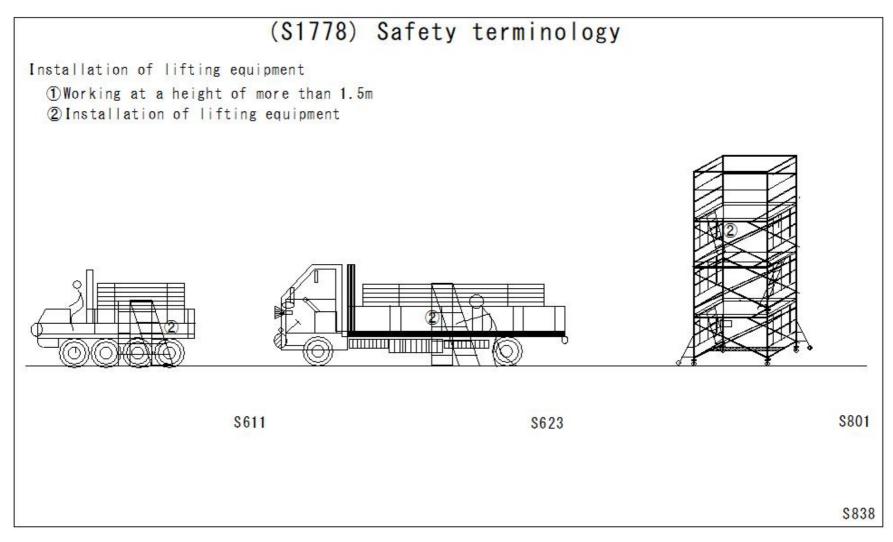
E341 M1

(S1776) Safety terminology



S1777) Safety terminology

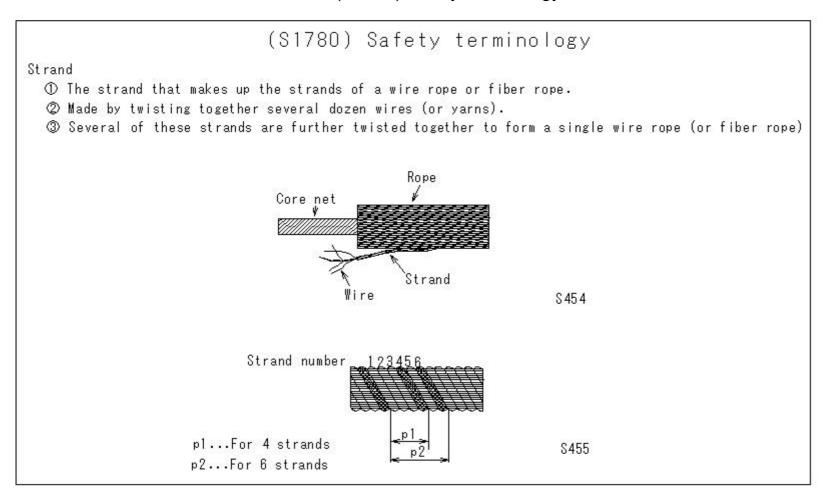




(S1779) Safety terminology

(S1779) Safety terminology Occupational diseases Diseases and disorders caused by occupational work, such as working conditions and the environment [Examples of occupational diseases] ① Hearing loss due to noise \$1459 2 Poisoning symptoms due to chemicals Muscle and joint diseases caused by heavy work Back pain Pneumoconiosis Infectious diseases Death from overwork, mental disorders, suicide M169 [Causes of occupational diseases] Work environment (work style, work environment, Belt conveyor working conditions, etc.) 9 Hygienic environment in the workplace M368 C1329 \$60 1148

(S1780) Safety terminology

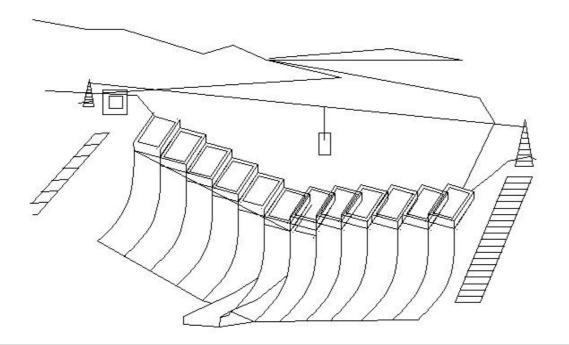


(S1781) Safety terminology

(S1781) Safety terminology

Safety assessment

- 1) Pre-assessment of safety before plant design or construction begins
- 2 Procedures and methods for assessing risk and implementing countermeasures
- 3 Before introducing large-scale machinery and equipment
- Performed before construction begins



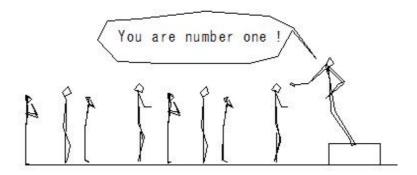
D8

(S1782) Safety terminology

(S1782) Safety terminology

Safety Master

- 1 Possessing excellent skills and experience
- 2 In charge of the site or department
- 3 Excellent safety record
- 4 Person who directly supervises workers such as foreman or team leader
- 5 Awarded by the Minister of Labor



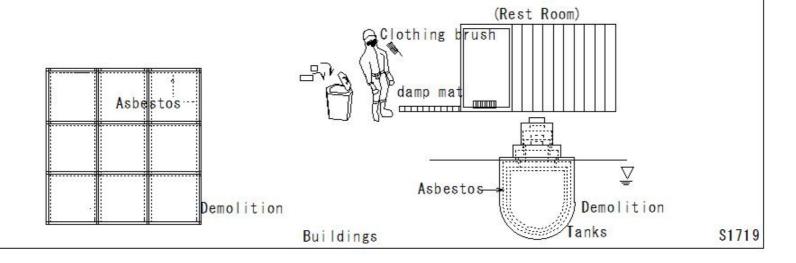
(S1783) Safety terminology

(S1783) Safety terminology

Asbestos-containing products

Asbestos-containing products include the following

- 1 Fireproof covering boards, insulation materials, shaped boards
- 2 Slate corrugated sheets, slate boards, calcium silicate boards
- 3 Slag gypsum boards, pulp cement boards, extruded cement boards
- 4 Ceramic siding, residential roof decorative slates
- 5 Rock wool sound-absorbing ceiling boards

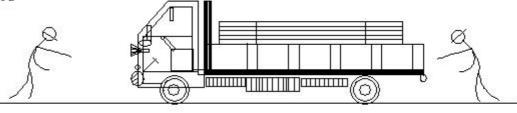


(S1784) Safety terminology

(S1784) Safety terminology

Platform attachment

- 1 Construction and crane work sites
- 2 Fixing and pulling materials
- 3 Auxiliary wire
- (4) Fastening cargo to a platform such as the bed of a truck or a storage area
- 5 Tying cargo together
- 6 Wrapping and fixing materials
- Hooking and pulling materials



Freight vehicle

\$1753



Wire rope for lifting

3 round inserts

2 half inserts (12 strands)



Wire rope with base 5 round inserts (6 strands)

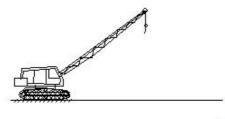
(S1785) Safety terminology

(S1785) Safety terminology

Lifting load

Lifting load refers to the maximum load (including the mass of the hook or other lifting equipment) that a crane can safely lift.

Lifting load of 3t or more



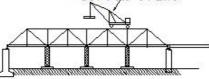
Mobile crane with lifting load of 3t or more

M138

B111

Derrick with lifting load of 2t or more

derick crane



B417

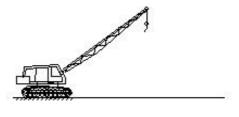
(S1786) Safety terminology

(S1786) Safety terminology

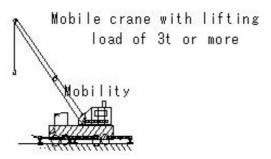
Rated load

①Rated load refers to the maximum load that can be applied when lifting a heavy object with a crane minus the mass of the lifting equipment.

Lifting load of 3t or more

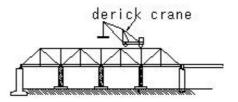


M138



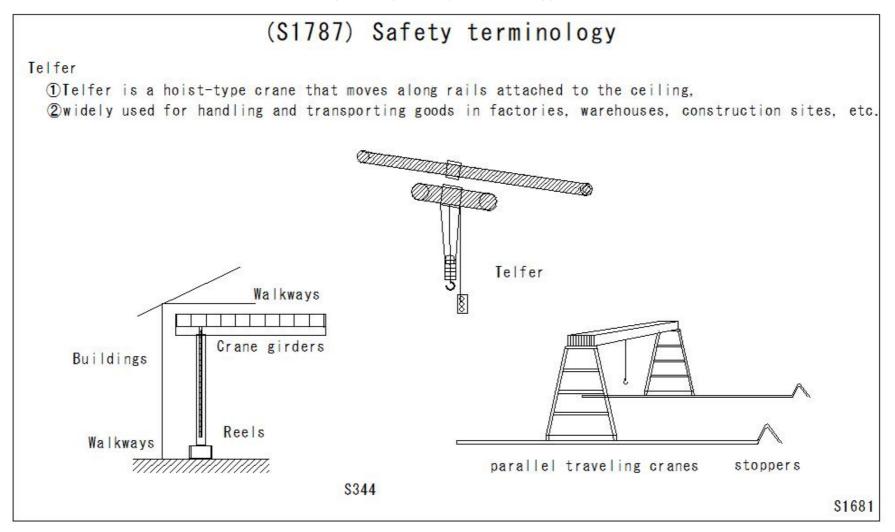
B111

Derrick with lifting load of 2t or more



B417

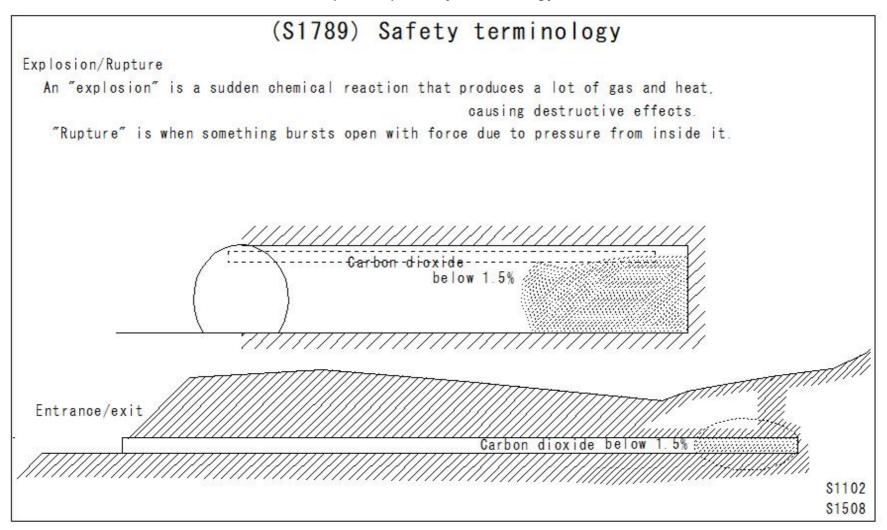
(S1787) Safety terminology



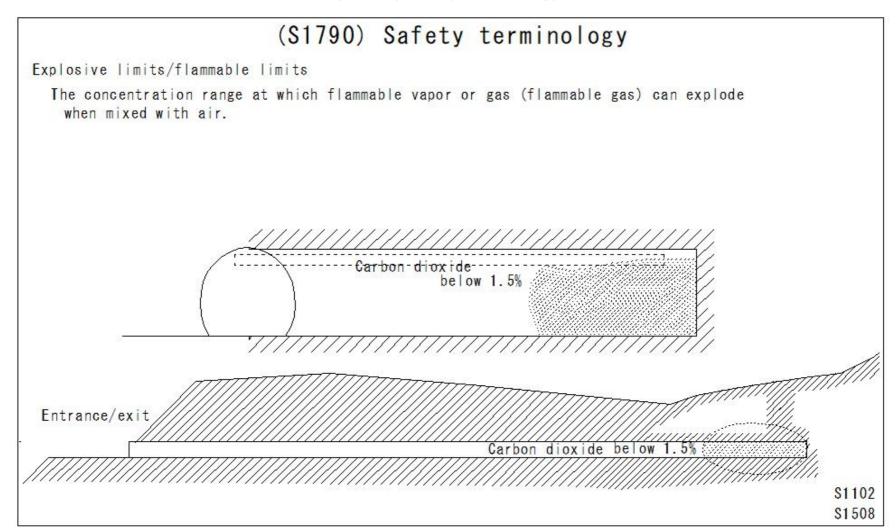
(S1788) Safety terminology

(S1788) Safety terminology Loading (stacking luggage), unloading (unloading luggage) The task of safely stacking and unloading cargo in a warehouse or on a yard Loading, unloading 2 meters moore \$1475

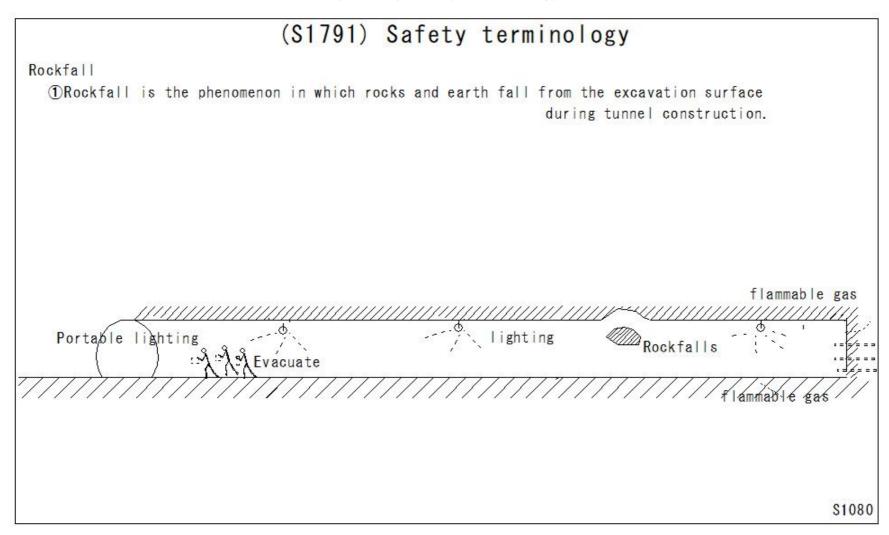
(S1789) Safety terminology



(S1790) Safety terminology



(S1791) Safety terminology



(S1792) Safety terminology

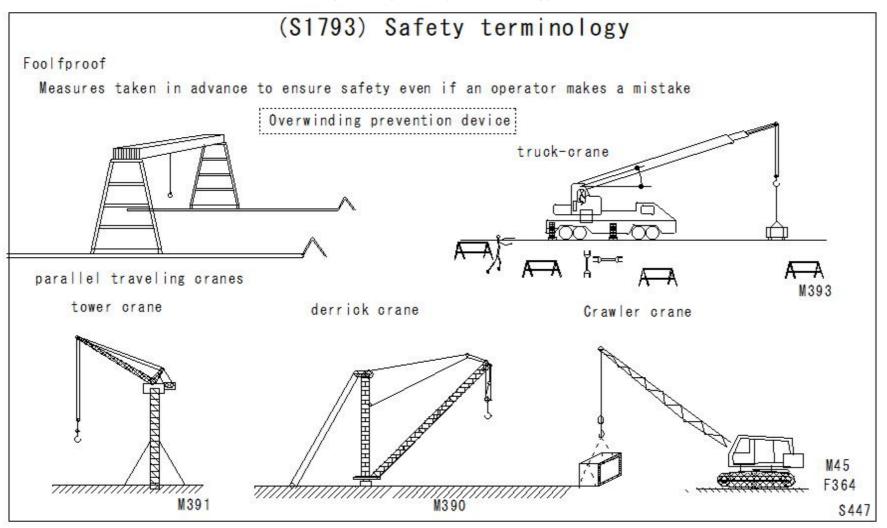
(S1792) Safety terminology

Human factors, human error

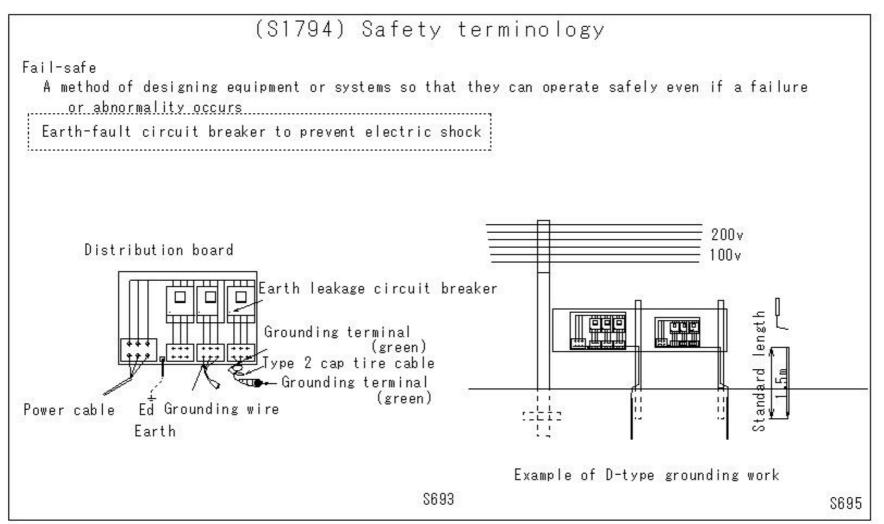
- 1 Human factors refer to the abilities, limitations, and characteristics unique to humans
- 2 Human error refers to actions that bring about unintended results due to those characteristics
- 3 To prevent human error, it is necessary to understand people's characteristics and create a safe working environment

s272 \$273 \$274 \$275

(S1793) Safety terminology



(S1794) Safety terminology

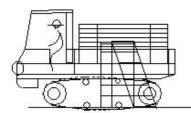


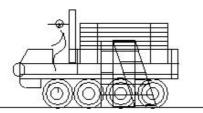
(S1795) Safety terminology

(S1795) Safety terminology

Off-road vehicle

Off-road vehicles are vehicles that can travel in places where trucks and dump trucks cannot enter.





Off-road vehicle

\$611

\$1426

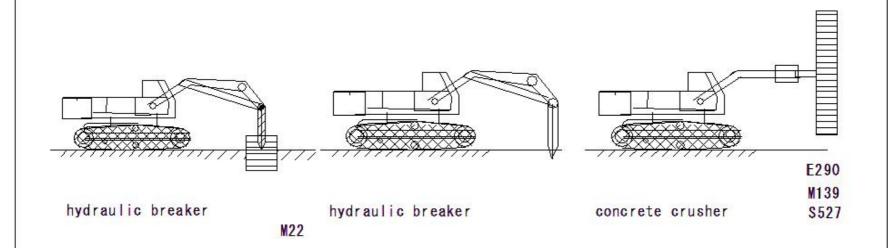
\$1646

(S1796) Safety terminology

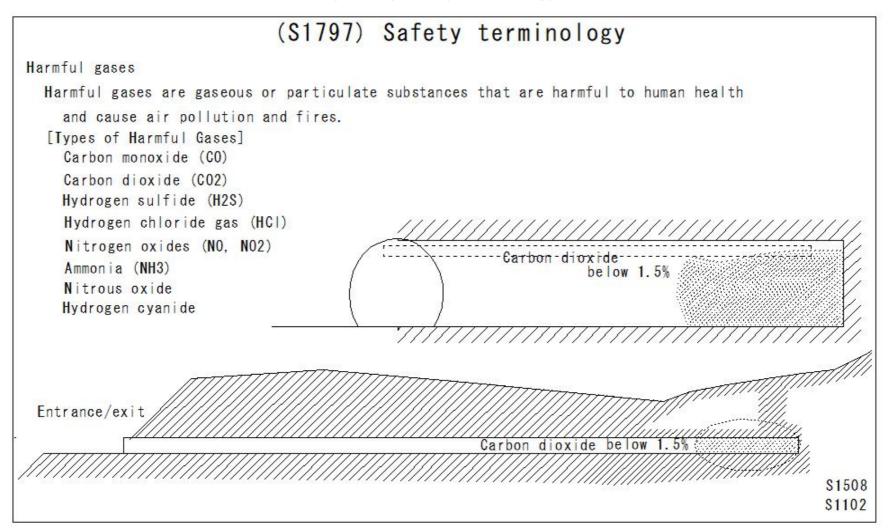
(S1796) Safety terminology

Breaker Vehicle Construction Machinery

In addition to breakers, steel frame cutting machines, concrete crushers and demolition grabbers



(S1797) Safety terminology



(S1798) Safety terminology

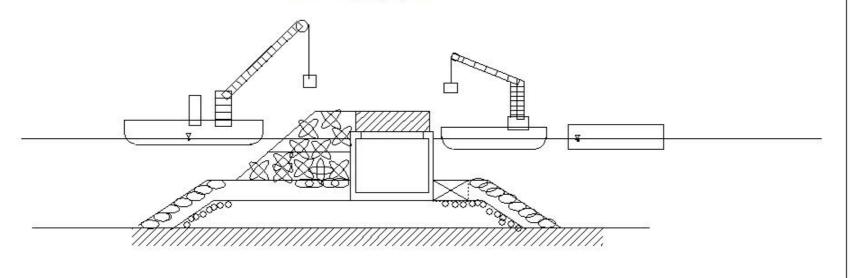
(S1798) Safety terminology

Hoisting equipment

Hoisting equipment is a crane or derrick installed on a ship, and is a machine used for loading and unloading operations at ports.

It is used when transferring cargo from land to ship or from ship to land.

Hoisting equipment



(S1799) Safety terminology

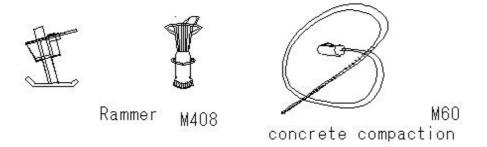
(S1799) Safety terminology

Leasing and rental : machinery and equipment

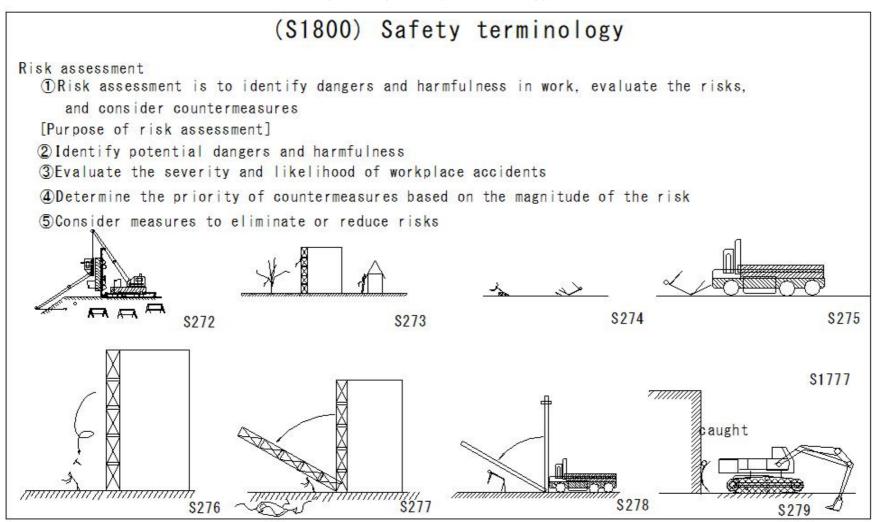
- ① "Leasing" means borrowing goods or materials from a leasing company for the medium to long term.
- (2) (Rental) The rental company purchases the item in advance, and the user selects and rents it from the items in their possession.



\$1752



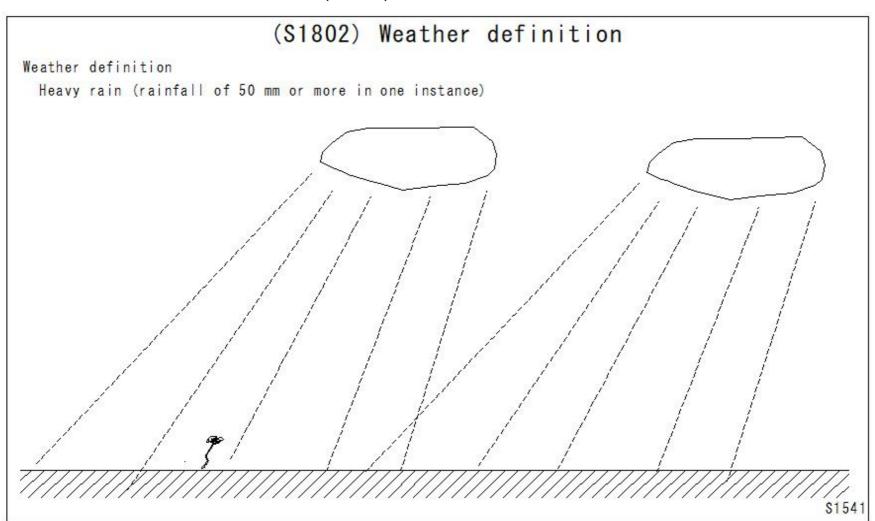
(S1800) Safety terminology



(S1801) Safety terminology

(\$1801) Safety terminology ROPS ROPS is a rollover protection structure [Rollover protection structure] A steel structure that protects the driver wearing a seat belt when construction machinery such as earthmoving machinery and tractors roll over Especially important equipment for tractors, which often work on rough ground Protective structure [Rollover protection structure] Forklift Fork loader tractor excavator \$568 \$1702 F292 M392

(S1802) Weather definition



(S1803) Weather definition

(\$1803) Weather definition Weather definition heavy snow 1 20 to 25 cm of snowfall in 3 hours 230 to 40 cm of snowfall in 6 hours Traffic obstruction, etc. 0 0 S 5 2 O. 0 S 5 9 0 ु 5 5 \$1541

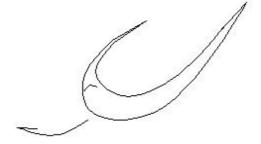
(S1804) Weather definition

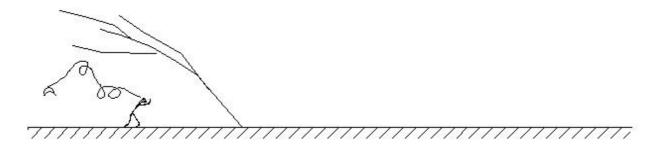
(S1804) Weather definition

Weather definition

Strong wind

Strong wind refers to winds with a wind speed of 10 meters per second or more (average wind speed over 10 minutes)





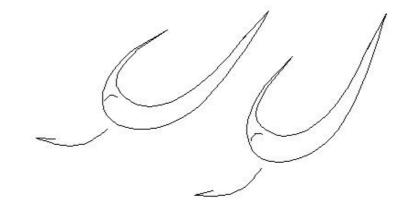
(S1805) Weather definition

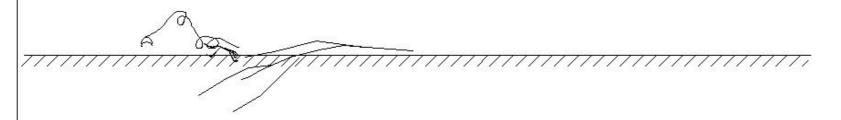
(\$1805) Weather definition

Weather definition

Storm

Storm area refers to an area around a typhoon or a developed low pressure system where strong winds with an average wind speed of 25 m/s or more are blowing





(S1806) Weather definition

