

## Subjects for certification are expanded

### Types of machines and device requiring Safety Certification increased to 11 and those requiring Self-regulatory Safety Check&Report increased to 25

More machines are required to meet Safety Certification and Self-regulatory Safety Check & Report which certify quality, environment and safety of machines or device.

President Hun-ki Baek of KOSHA decided to expand the subjects of the Safety Certification from 8 types of machines and device to 11 types, from 3 types to 25 types for subjects of the Self-regulatory Safety Check & Report.

Now importers or manufacturers of dangerous machines or device which are the subjects of the Safety Certification have to have them certified by the safety certification organizations. Also, the Self-regulatory Safety Check & Report oblige them to report KOSHA about the result of assessing the safety level of those risky machines or device, based on the self-regulatory standards set by the Minister of the Employment and Labor.

Previously, subjects of the safety certification were 8 types: crane, lift, pressure vessel, press, shearing machine, aerial work platform, injection molding machine, and roller, to which 3 types, gondola, machine saw and press brake were added to be 11 types in total.

Types of the subjects of the Self-regulatory Safety Check & Report were centrifuge, air compressor and gondola but soon expand to cover grinding machine, cutting machine, drilling machine, circular sawing machine and printing machine to be 25 types in total.

The newly added subjects are those that have frequently reported industrial accidents.

According to the 'report on status of occupational accidents by types of machines and device' that analyzed the risks and dangers of subject machines and device of the Safety Certification from 2005 to 2011, press and shearing machine cause the most accident cases while cranes report the highest number of fatal accident cases.

\* Status of occupational accidents by types of machines and device (2005-2011.9, by Occupational Safety and Health Research Institute)

	No. of injuries	No. of fatalities
press, shearing machine	14,219	56
crane	13,468	411
injection molding machine	1,495	20
lift	1,281	78
aerial working platform	635	37
roller	534	6
air compressor	266	4
gondola	120	6
drying equipment	95	4
centrifuge	94	2

<b>pressure vessel</b>	44	4
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Application of Safety Certification and Self-regulatory Safety Check & Report starts from Jan. 24 through KOSHA's web site and headquarters or area offices of KOSHA. Changes are applied from Mar.1.

A person from KOSHA said "more than 20% of accidents in the industrial fields are due to machines." adding that expanded coverage of dangerous machines would reduce accident cases as more machines or device whose safety is secured would be used and distributed.