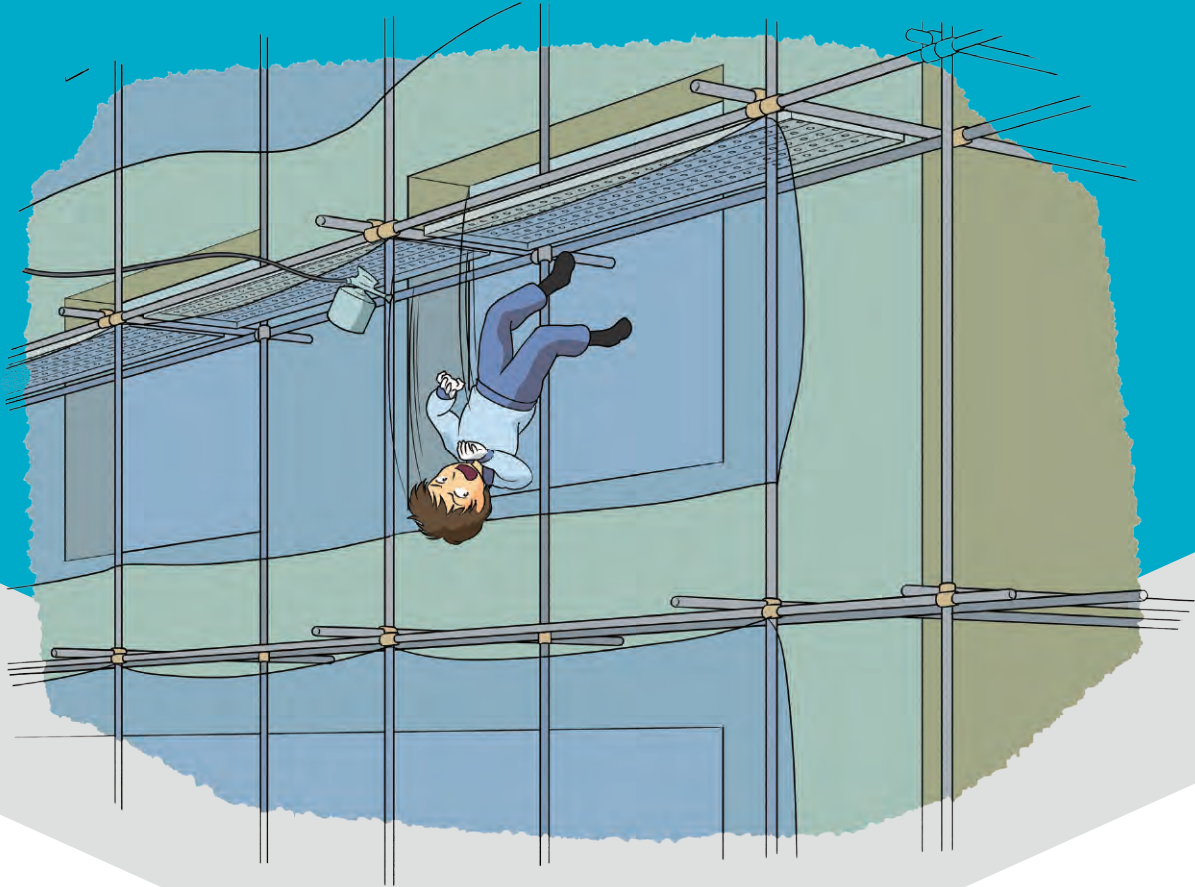




Case examples of serious accidents _ Let's cut fatal industrial accidents by half!

외부 비계 위에서 방수작업 중 떨어짐

Fell while conducting flood protection work on external scaffolding



Accident overview

While performing flood protection work using a spray gun on a work platform (5 layers) installed in external double scaffolding, a worker fell to the ground below (H = 9 m)

Causes of accidents

- Inadequate installation of work platforms and safety handrails
 - > Non-installation of middle handrails; installation of upper handrails only
- Failed to wear individual protective gear such as safety helmets and safety harnesses

Accident prevention measures

- Thorough installation of work platforms and safety handrails
 - > Install at least two levels to include upper handrails and middle handrails
- Provide and wear personal protective gear such as safety helmets and safety harnesses



Reference statutes and standards

- Rules on Occupational Safety and Health Standards
 - Article 57 (Assembly, disassembly, and modification of scaffolding, etc.)
 - Article 32 (Provision of protective gear, etc.)



고용노동부

산업재해예방
안전보건공단



필리핀



위험을 보는 것이 안전의 시작!
Safety starts with identifying
unsafe situations!

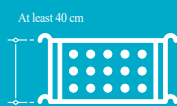
Exclusive VR room for safety
and health

360vr.kosha.or.kr



Prevention of falling accidents

Be sure to check!



Installation of
work platforms



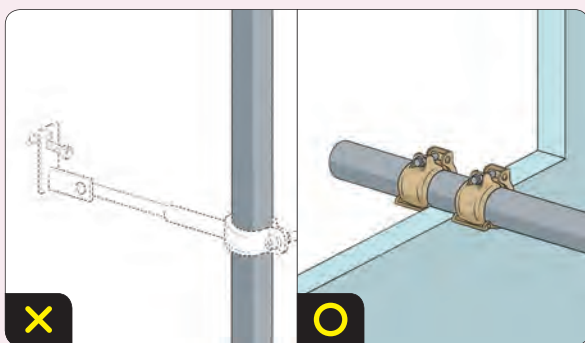
Installation of safety handrails



Wearing of safety helmet and safety
harness

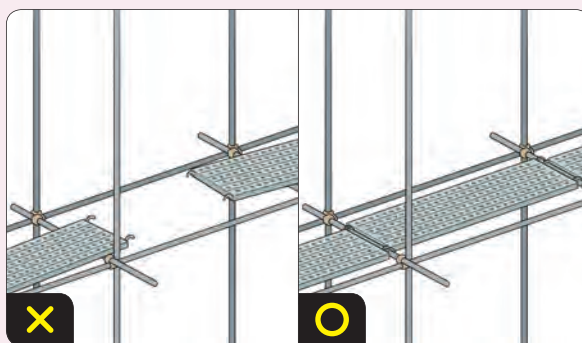
Safety management at a glance for scaffolding for finishing work

- 1** Danger of scaffolding collapse caused by excessive prior dismantling of wall ties



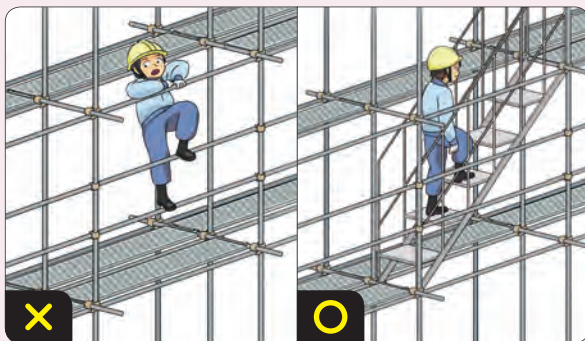
- ▶ Step-by-step dismantling of wall ties when performing work related to stone and outside insulation
- ▶ Construction of auxiliary wall ties using floor openings such as windows and doors

- 2** Danger of falling due to failure to install (or partial installation of) work platforms



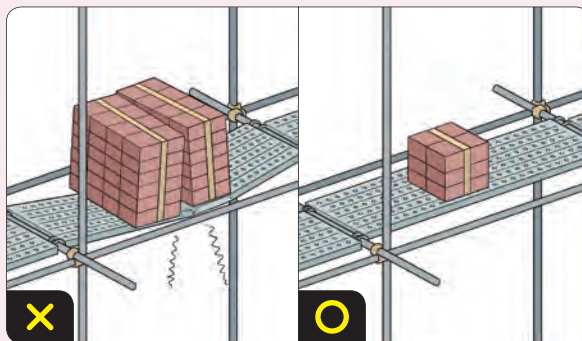
- ▶ Inspect the installation and state of work platforms in working sections
- ▶ Complete securing of work platforms to prevent them from overturning or falling

- 3** Danger of falling while moving due to failure to install passageways



- ▶ Install and maintain passageways on scaffolding

- 4** Danger of platform and scaffolding collapse due to overloading of work platforms



- ▶ Make sure the loading capacity does not exceed 400 kg among scaffolding pillars

- 5** Danger of falling due to failure to install safety handrails



- ▶ Installation of safety handrails at ends of work platforms
- ▶ Safety handrails are composed of upper handrails and middle handrails
- ▶ Each platform and handrail must be evenly spaced by 60 cm or less

