

Publication of best practices for safety inspection and certification of hazardous machines

Contains 121 review (inspection) cases, including cranes and lifts, and to be released on October 27

□ The Occupational Safety & Health Certification Institute (OSHCI) (Director General Young-tae Kim) **publishes and disseminates a best practices casebook to improve review (inspection) technologies for the safety inspection and certification** of hazardous machines in accordance with the Occupational Safety and Health Act and **share safety measures for the manufacturing and use of such machines.**

□ The **safety inspection and certification of** hazardous machines, which is widely applied to cranes and lifts on industrial sites, is a legal system for **securing safety in the manufacturing and use** of dangerous machines that are prone to accidents.

○ **Safety certification** involves the examination of documents and products to secure **fundamental safety at the stages of manufacturing and import**, whereas **safety inspection** checks whether safety is **maintained at the stage of use.**

□ Since 2019, the KOSHA has been conducting a best practices contest to help strengthen the substantiality of the system. The recently-published best practices casebook contains 121 **best practices selected through the best practices contest** based on the safety inspection and certification activities conducted by the OSHCI in 2020 and 2021 **as well as by private safety inspection institutions** (Korea Elevator Safety Agency, Korea Industrial Safety Association, and Korea Safety Technology Association).

○ The cases of safety inspection and certification are categorized by hazardous machines and equipment, including cranes, lifts, and pressurized containers, and the casebook includes the **main reasons for nonconformity organized by review technique and machine.**

□ In particular, the top best practice of 2021, for resolving “defect causing lifting magnet of overhead crane to stick,” was rated excellent in terms of its accident prevention effect and scope of application.

□ The best practices casebook will be **provided** to OSHCI branches nationwide and **private safety inspection institutions** (Korea Elevator Safety Agency, Korea Industrial Safety Association, and Korea Safety Technology Association).

○ The casebook will be also posted on the website for our comprehensive database of hazardous machines and devices (miis.kosha.or.kr) so that it is widely shared.

※ Search notice board → Notification → Best practice

□ OSHCI Director General Young-tae Kim said, “I hope this casebook will be used as a **good reference and guideline** by **manufacturers, users, and reviewers (inspectors)** of dangerous machines.”

○ He also stated, “The OSHCI will continue working hard to **improve the review (inspection) technologies** of each institution by **actively identifying and widely sharing best practices** and ensure that **laborers** benefit from such practices on industrial sites.”