

Smart Industrial Safety

Using LINE@ & LINE-Bot platform to join the form of industrial safety Notes RWD technology WEB to upgrade the real time smart management of occupational safety. Asia Cement continues to optimize smart work safety functions and to increase operation efficiency of the Plant. In 2022, it added a function of “Applying for the approval of entering work site and issuing work permit”. Except for the items required by laws and regulations, such as informing of harm and special operations in which paper documents must be signed, other documents shall be applied and approved by mobile phones or computers. Hence, the status of manufacturing process and construction site in the plant complex can be timely obtained and managed, the use of paper can also be largely reduced.

The Model of Smart Manufacturing Cement 4.0

Asia Cement actively invested into the research and development of digital innovation in recent years and introduced AI and big data technologies into the conventional manufacturing process, maintenance, and shipping system. This effort has been recognized both domestically and internationally. The goal of net zero carbon emission by 2050 is not just a slogan, in this era of intelligence the Company endlessly advances its manufacturing process and shares resources. It intends not only to become a green leader in the cement industry, but also to overturn the stereotype image of cement industry, an impression of outsiders. It is a transformation to a green industry which is friendly to environment.

2020 ■ An auto-loading and unloading equipment and sealed type buck cement mechanical ship loading equipment were built at Hualien warehousing and shipping station which effectively improved air quality and operation efficiency in harbor area. The award of investment contribution was granted by Ministry of Transportation and Communications.

2021 ■ Acknowledged by Enterprise Asia. Received the International Innovation Award by adopting Artificial Intelligence Control System (ACTEC) as the services and solutions.

The only cement company received this award around the world


