

## Smart construction sites

KOSHA and SK E&C will develop QR code for construction safety

July 26 2013

○ QR codes have come to play a role in reducing accidents in construction sites.

- Quick Response or QR code is, unlike the barcode that contains only limited information, is a new code system that provides greater information with a simple scan with smart devices.

- QR codes will provide more detailed information about risk factors and safety measures than simple warning signs like “FALL HAZARD” or “ELECTROCUTION HAZARD” in construction sites.

○ KOSHA and SK E&C agreed on July 26 to jointly develop QR codes to prevent accidents in construction sites.

※ Signing ceremony

- when: July 26 2013, 11:00 – 13:00

- where: conference room in SK E&C headquarters in Seoul

- attended by: KOSHA President Baek Hun-ki, SK E&C president Cho Ki-haeng and more

○ Under this agreement, KOSHA and SK E&C will jointly set up countermeasures against major risk factors in construction sites for which QR code stickers will be distributed.

- QR code stickers to be posted by current warning signs can play an effective role in helping safety supervisors provide necessary information to workers quickly and workers see risk factors in the construction sites.

- QR code map to be posted at the entrance of construction sites will serve as a map of risk factors in each site for supervisors and workers to see all risk factors in one glance.

○ KOSHA and SK E&C plan to develop 100 types of QR codes within this year to be posted first in SK E&C's and its suppliers' construction sites as a trial basis and warning signs with these codes will be later distributed to other construction companies. They will be also available on KOSHA homepage.

○ President of KOSHA Baek Hun-ki during a signing ceremony said, “KOSHA is distributing a translation application for migrant workers and a news application tracking occupational accidents in a real time basis. Other applications about weather-related OSH information and safety standards will be also developed for businesses.”



<One example of the warning signs with QR code>