

Research regarding construction machinery and maintenance management machinery up grade

[Point]

The full effort of industry computerization using electronic information technology represented by CALS/EC, has begun, in the stage of construction, and maintenance management, more detailed data is required for cost reduction and workforce cut.

Then, in this research enforces examination for the realization of information linkage and share of construction and maintenance management, through the examination of construction support system constitution plan, we examined the information standardization method for smooth information linkage and data exchange by electronic information technology.

As the result, we clarified that in order for information linkage and share of construction of each process, we need to examine not only specialized knowledge of the construction companies, but also know-how, which each company has, and in order for realization of the standardization for construction support system data exchange, we need not to rely on the system developer, but the data users' consensus building.

Keyword : computerization constructing support data definition, ISO, CALS/EC