



ACADEMIC YEAR 2012 – 2013

TITLE OF DIPLOMA THESIS:

The standard ISO 14001 at construction industry

AUTHOR: Krinos Ioannis

ABSTRACT

Within a sustainable environmental policy, environmental management systems (EMS) constitute a useful tool for society. The standard EMS ISO 14001 is the most widespread system worldwide nowadays. In Greece, the route of the standard is not consistent with the global market. The construction industry, which is the largest industrial employer internationally because of its great environmental influence, is needed to see a different perspective of the issue environment, in order to reduce its environmental impact that is created by the nature of its activities. The use of EMS will assist construction industry to achieve its objective. In the present study and in accordance with the above, the author attempted an investigation at the issue of EMS in Greece's current construction market, using a questionnaire survey. There were arised several useful conclusions, which are analyzed in detail. The most important conclusion is that Greek companies have a long way to go until they will use widely the EMS ISO 14001. At the end of the study it is presented some suggestions that will help companies to remove obstacles arising from the implementation of the standard, and perspectives in order to become the new revised ISO 14001 standard more simple and operating in use by the structure companies at 2015.

KEYWORDS

Structural industry, Environmental management systems, Environmental policy, The ISO 14001 standard, Sustainable structure