

In the Applied Design of Chemical Plants, Settlement of Specification and Life Cycle of Processing Equipment and its Facilities

김영호*

Y.H.KIM Eng. & Mfg. Consultant

(yhkim1116@hotmail.com*)

In the Applied Design of Chemical Plants, author has been finding out many errors happening by designers through those engineering data in detail, and also in the course of pre-commissioning & commissioning, initial start up, and performance guarantee test, etc for newly-constructed Chemical Plants.

Modernized most Chemical Plants have been applying advanced high technology in precision to its design and construction, and also become highly complicated and extra large sized scale. So in case any accidents happen due to poor design by man-made mistakes in the Applied Design of Complex Chemical Plants, these accidents become not only to call great loss of lives, but also bring on an unexpected consequence to their territory as well as neighbor country.

In particular, author includes the followings in this paper: 1) Settlement of Specifications on the Processing areas, Processing Equipment and Facilities, Environmental areas, Transportation Equipment, 2) Life Cycle of Processing Equipment and its Facilities.