Shen

Industrial Pollution Prevention

Sustainable economic development is necessary to improve the standard of liv ing and quality of life in the developing countries. It is also required to maintain or enhance their attributes for those lands already commercially developed. Past experience indicates that one of the most important elements in the economic growth is the development of industry. It should be also recognized that devel oping industry, if pursued according to the tradition al means, entails the addi tional inefficient consumption of limited national resource and generation of large amount of residue that called industrial pollution. In general, industry has three generations of pollution problems. The first generation pollution problem is from the manufacturing facilities. The second generation pollution problem is related to the use of the products after leaving the site of manufacturing. The final disposal of the used or unused products rep resents the third-generation pollution problem for industry. The traditional way of controlling pollution by industry is building costiy waste treatment facilities added-on to the end of manufacturing processes. In dustry also has to commit continuous fun ding to maintain and operate these fa cilities for their entire life span. The waste treatment facilities were supposed to solve the manufacturing related pollution problem for industry, i. e., the first generation problem. In fact, these facilities, in according to the Law of Conser vation, do not make the pollution disappeared.

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