

Title: The involvement of Law in Engineering Profession

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Abstract: Engineering law explains the interaction of law and industry. Engineering activities have some adverse effects on the environment through industrial wastes, gaseous emission air pollution and other forms of environmental degradation. Although nature provides regeneration and maintenance of steady state conditions through the existence of a 2.7k background temperature space for heat rejection to close heat balance and the oceans which accept continental runoffs to close material balances of cyclic process, yet, there is the need to regulate activities that are harmful to the environment. Environmental Control therefore seeks to conserve natural energy and mineral resources by subduing and utilizing nature's ecological cycles to serve the needs of humanity. Environmental Control also seeks to replenish depletable fuel supplies with clean and abundant forms of gravitational solar and nuclear energy. In addition, Environmental Control seeks to conserve land and water quality by the blending of concentrated industrial runoffs with continental runoffs, occurring naturally in the hydrological cycle. Engineering law and related laws contain provisions that lead to the realization of the objectives of environmental control. This work discusses in one swoop environmental control measures and the interaction of law with industry in relation to engineering activities/practices. The greatest engineering progress is achieved through the effective control of environmental/engineering activities to derive optimum benefits for humanity.

Keyword: Engineering activities engineering law, environmental control.