

**O 21. EVALUATING THE ENVIRONMENTAL MANAGEMENT SYSTEM
ACCORDING TO INTERNATIONAL STANDARDS (ISO 14001: 2015) A FIELD
STUDY IN THE IRAQI OIL WELLS**

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ABSTRACT: One of the ways to reduce environmental pollution is to improve the environmental performance of companies that extract oil. As the word ISO became the buzzword in the world today, the international standard ISO 14001: 2015 aims to help organizations reduce activities that negatively affect the environment and define controls for these activities, including the use of natural resources, waste handling and treatment and energy consumption. The research aims to Highlight on the benefits of the application of ISO 14001: 2015, with the availability of administrative tools that companies operating in the field of refining crude oil in Iraq lie in controlling the negative effects in the environment and the trend towards green technology without side effects on the environment, we mention the most important advantages of using ISO: Reducing the use of raw materials / resources, improving the efficiency of operations, reducing the amount of waste generated by operations and reducing costs of disposal, and reusing recyclable resources. On the other hand, there are major environmental damages that occur during oil refining operations, such as air and soil pollution. These impacts can be decrease by setting a comprehensive plan for environmental management by reducing pollutants produced during operational, in addition to that, And expedite the enactment of new strict laws by the Iraqi government to reduce pollution.

Keywords: *Environmental management, Environment management system Air pollution, ISO 14001: 2015, Iraqi Oil wells*