

Towards Industrial Sustainable Development in Iraq by Implementing Environmental Management System

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Abstract :

Ministry of industry and minerals is intending to implement the industrial development plan in coordination with the other sectors in Iraq through the national sustainable development committee. The industrial sector will adapt many indicators to evaluate the achievement of each related sustainable development goals. There must be some priorities to each indicator because of the limited financial resources .

This paper presents a new approach in evaluating the importance of implementing ISO 14001 standards in some industries in Iraq to achieve the sustainable development goals. The approach is by summarizing the obstacles facing these industries due to many technical, financial and previous and current conditions in Iraq.

Three factories were chosen as samples. For each factory the problems were identified and evaluated then an Environmental Management System (EMS) approach was proposed. In the evaluation process some indicators were adapted, identified and evaluated in order to develop steps for monitoring framework for the related sustainable developing goals by implementing ISO 14000 standards.