

Developing a HSE-Finacial Indicator Model in Oil Industry

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Abstract : In the present world, there are different pressures on firms such as competition, legislations, social etc. these pressures force the firms to follow "survival" as their primary goal and then growth. One of the main factors that helps firms to reach their goals is proper financial performance. To find out about the financial performance, a firm should monitors its financial performance. Financial performance affected by many factors. This research seeks to clear which financial performance indicators are most important according to Environmental situation of a firm and what are their priorities. To do so, environmental indicators specified as presented on OECD Key Environmental Indicators 2008 and so the financial performance indicators such as Profitability, Liquidity, Gearing, Investor ratios, and etc. At this stage, the affections questioned through questionnaires. After gaining the results, data analyzed using Promethee technique. By using decision matrixes extracted from those techniques an expert system designed. This expert system suggests the suitable financial performance indicators and their ranking by receiving the environment situation given environment indicators weight.

Keywords : environment indicators, financial performance indicators, promethee, expert system

Conference Title : ICEWM 2015 : International Conference on Environment and Waste Management

Conference Location : Copenhagen, Denmark

Conference Dates : June 11-12, 2015