



Lean Six Sigma Workshop 4- 6 November 2014: Dead Sea – Jordan

Arab Fertilizer Association (AFA) organized during the period 4 to 6 November 2014, in Movenpick Dead Sea, Jordan, Lean Six Sigma Workshop in cooperation with AFA Jordanian member companies:

- Arab Potash Company
- Jordan Phosphate Mines Company
- Indo- Jordan Chemicals Company
- Jordanian Japanese Fertilizers Company (Nippon Jordan Fertilizer Company)
- Arab Fertilizers and Chemicals Industries (KEMAPCO)

Being aware of the importance of such a vital subject and in line with AFA policy, which targets convening workshops to enhance the operation, production, management and marketing efficiency system in general, AFA has entrusted efficient experts from Petrochemical Industry Company (PIC) to supervise over the implementation of the Workshop. It is worth noting that PIC is characterized by distinguished expertise and great achievements in the Six Sigma field, thus becoming a role model in this regard regionally and internationally. Therefore, PIC contribution mainstreams the benefit and transfers the expertise to the Arab companies.

The workshop focused on introducing the attendants to the Six Sigma methodology, means of application and dissemination all over concerned companies. Attendants were also presented to the most important projects that were successfully implemented by the Petrochemical Industries Company (PIC).

It is undoubtedly clear that fertilizer industries in the Arab region depend largely on international markets. Therefore, we should raise the efficiency of production and reduce the costs, for expanding or even maintaining the presence in the international markets. In this concern, the quality factor is considered to be one of the major components of success in order to penetrate and compete in markets, thus adopting comprehensive quality management concepts is inevitable for those who seek to achieve success, increase processes and investments returns and improve their status and competitiveness in markets.

The workshop highlighted, as it presents one of the remarkable methods for comprehensive quality management, namely Six Sigma, through employing such a method, it could perhaps identify and eliminate the reasons of defects in manufacturing and production processes, hence reach zero defect rates, in other words reaching a higher level of quality in the manufacturing and administrative processes and consequently a higher level of quality in the products.

The Six Sigma concept is the effective direction to apply quality processes and standards and achieve the highest results in pursuit of the best outcome, so as to actually reach distinguished productivity and zero defect products, during all manufacturing and production phases. Six Sigma applications also seek to decrease the cost, time and cycle of production, reduce fixed expenses, improve the level of customer satisfaction and develop the strategic planning atmosphere. It provides the associations' leaders with the methods, standards and controls that ensure the continuity of progress oriented activities and the sustainability of development in all work fields and sectors as well as to facilitate the successful decision making process.

This is being carried out while focusing on the manpower and production processes to exert each and every effort to make the product cheaper, faster and better.

With this in mind, 60 attendants participated in the Workshop proceedings representing the following countries: Jordan, UAE, Tunisia, KSA, Kuwait, Libya, Egypt, Iraq, Bahrain and Oman