

METHODOLOGY FOR THE DEVELOPMENT OF A STRATEGIC ASSET MANAGEMENT PLAN BASED ON ISO 55001:2014 APPLICABLE TO ELECTRICITY DISTRIBUTION COMPANIES IN BOLIVIA

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ABSTRACT

Asset Management has notable importance in the field of the electrical industry, given that the performance of these companies depends on the correct use and operation of their assets, enabling the supply of electrical energy. The development of an Asset Management System poses considerable challenges, particularly with regard to the ideology of workers and the organizational culture, since it implies significant alterations in the perception of assets, they are no longer conceived merely as objects to be recognized as systems that provide tangible value to the company. The following article presents a proposal for an Asset Management System that is adapted to the substation unit of the electrical energy distribution companies in Bolivia, based on the international standard ISO 55001:2014, which will allow for providing design guidelines, administration and continuous improvement of asset management, all of this is supported by a proposed methodology for implementing a Strategic Asset Management Plan

Keywords: Management System, Asset, ISO 55001:2014, Electrical Energy Distribution, Strategic Asset Management Plan

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