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**Importance of implementing Preventive and Corrective Maintenance.**

**ABSTRACT**

This article focused on the proposal of a preventive and corrective maintenance plan, including the implementation of monitoring systems and process optimization; also highlighting the importance of training the personnel involved. The interest in presenting a preventive and corrective maintenance plan to the laboratory equipment of the State Research Center Foundation for Agroindustrial Experimental Production (CIEPE) was considered as theoretical support as regards preventive and corrective maintenance. The methodology used for this research was "qualitative", through "Non-participatory observation", transcribing the study of the findings without an intermediary. With the data obtained, it was observed that more than 40% of the equipment is inoperative, so it was possible to conclude through these findings that a preventive maintenance plan is not in place to guarantee the operation of the equipment. For this reason, a maintenance plan proposal is made, in order to obtain as a result the perfect functioning of the Foundation's laboratory equipment, aiming towards high standards of quality and operational efficiency, guaranteeing their optimal functioning. , in order to recommendable processes in the provision of services, as well as to minimize the risks of unscheduled stops.

**Descriptors:** Maintenance, Preventive, Corrective, Public Organizations, Productivity, Service.

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