

ABSTRACT

In December 2017, PT Dirgantara Indonesia is running the transition of the AS9100 Revision C quality management system to the AS9100 Revision D. AS9100 is a coverage of the requirements of SMM ISO 9001: 2015 and establishes additional requirements, definitions, and aviation, space, and defense industry arrangements. There are 3 additional requirements that are the difference between AS9100 Revision C and AS9100 Revision D, namely awareness, safety product, and Counterfeit Part. When this transition occurs, the fulfillment of all requirements contained in AS9100 Revision D is mandatory to be processed by the company. The problems in PTDI that will be discussed in this research is the ineffectiveness of follow-up audit findings on production employees caused by the lack of control of the leadership of the employees and also the media access to the results of follow-up audit findings only through the website that there is no evidence that the employee has accessed it . Thus, the purpose of this study is to design improvements to follow up audit findings on production personnel in PTDI based on AS9100 as the standard SMM used. The design done in this research is by process design, where the process design is a method that focuses on the improvement of a process. The first stage of the process design process is define scope and collection, which is the stage of collecting data needed to solve the problem, the data includes the actual process of follow-up audit findings and actual conditions on the related unit as the primary data, and company profile, mission vision company, organizational structure, job description, and also AS9100 D requirements clause 5.1.1, clause 7.3, and clause 9.2.2 as secondary data. After the primary and secondary data collected, then the data processing of the actual process of follow-up audit findings with the clause requirements on secondary data generating will produce GAP. The second stage is "AS IS" modeling, which is modeling the actual process of follow-up audit findings in this research modeling is done by describing the process of follow-up audit findings using flowchart. The third stage of analysis and recommended change is to do analysis and design, where in the analysis process is done comparison of actual process data existing in the previous stage compared with the results of the gap with the aim to generate the required proposal in this study. After getting the gap, the next thing to do is to design the improvement based on related theory. Then, the stitched stage of the workflow change process is to explain the changes made in the process of follow-up audit findings. The result of this research is the control of the leadership of the employees, by tightening the process of shooting the follow-up of the audit of basic tasks applied by the work, providing socialization to employees of the importance of their role to the company's SMM, and provide compensation to employees by giving appreciation or badness on the performance produced by employees. With the location, the company will not immediately work for the rules in force in a structured way.

Keywords: AS9100 D, Audit Finding, requirement, flowchart, process design