

Downtime Analysis Of Mill A Production Machine In Indofood Sukses Makmur Company Bogasari Division Surabaya Factory

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ABSTRACT

Indonesian wheat flour consumption every year has increased. Bogasari is one of the largest wheat flour industry and has a dominant market share in Indonesia, there is 57.3 %. Activity field practice in Bogasari aims to improve knowledge and skill of students about the activities of the company, to train for critical thinking of differences in the work environment, increase understanding of the company's activities in order to be ready to work. The theme of field practice report is an downtime analysis of mill A production machine in Indofood Sukses Makmur Company Bogasari Division Surabaya Factory. Field practice held on 7 March until 3 June 2016. The analysis tool used Pareto diagram and ishikawa diagram. Based on the Pareto diagram is known that cause downtime mill A is a production machine related to automation. Based ishikawa diagram known root cause of the error in flowmatic is less inspection at the beginning of the shift, rusty pipes, less air pressure, preventive maintenance, less conscientious action, silo dirty and a lot of impurities. Based on the root cause is then carried suggestions / corrective actions include checks flowmatic 4 hours per shift, using a water treatment, separate air flow for production and non-production, review the schedule of preventive maintenance, check the moisture of grain 2 times per shift, making cleaning schedule silo, repair and optimize the performance of the machines pre-cleaning.

Keywords: *downtime, flowmatic, pareto diagram, ishikawa diagram*