



OPTIMIZE MANUFACTURING PERFORMANCE

European Aerosols, manufacturer of aerosols, has been working with Decide4Action's OEE Toolkit since 2011. 'The OEE Toolkit enables us to zoom in on the reasons for downtime. Because operators enter the reason for a standstill themselves, it was clear not only to the management but especially to the operator where losses are taking place or where there are opportunities to improve,' says Peter Saffrie, Plant Manager European Aerosols in Wolvega.

With its brands European Aerosols, DUPLI-COLOUR, presto and ColorMatic, the European Aerosols Group is active in the automotive, do-it-yourself and industrial markets. European Aerosols produces a wide range of aerosols ranging from high quality professional (car) paints to more technical products, such as brake cleaners and silicone sprays. European Aerosols offers their relations continuous innovation and can facilitate the growing production partly through the commitment of excellent employees and the drive for continuous improvement.

WE KNOW WHERE WE CAN IMPROVE

'It will therefore come as no surprise that we are constantly working to improve our production processes. Since 2011 we use the OEE measurements within our production lines. Using Decide4Action's OEE Toolkit, we map out the downtime of our production lines. Downtimes are losses, expressed in time, that we could have used for producing good products. In short, the OEE results show us, and more importantly, show our operators, where production capacity and productivity can be improved,' says Peter Saffrie.

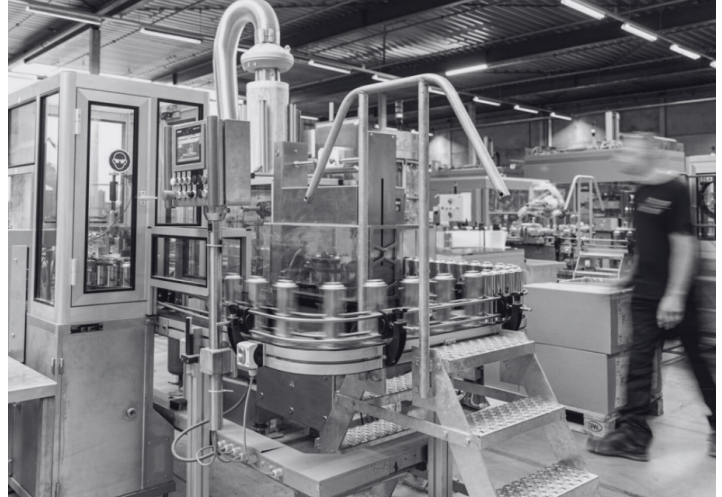


7% INCREASE

'2011 was the first full year that we measured OEE, the average OEE of our production lines at that time was 28%. After two years, our OEE is 35.8%. Of course, comparing an average OEE does not say much about our productivity. The real proof is in the actual production figures. For example: We produced 46 million units in 2011 and 76 million units in 2018. At a constant production time too.'

ABOUT EUROPEAN AEROSOLS

European Aerosols Group is mainly active in the automotive, the DIY and industrial markets with a large assortment of aerosols. Varying from high quality professional (car) lacquers to more technical products, such as brake cleaners and silicone sprays.



IMPROVE THROUGH INSIGHT

'2011 was the first full year that we measured OEE, the average OEE of our production lines at that time was 28%. Now, our OEE is 35.8%. 'With OEE Toolkit, we have been able to zoom in on the reasons for downtime. Because operators enter the reason for downtime themselves, it was clear not only to the management but also, and above all, to the operator where the losses are – and where we can improve'. 'Because we gained insight about the various stoppages, we were able to carry out several improvement activities. For example, a few devices/machines were replaced because they caused an extremely high number of disruptions. The choice between improving/modifying an existing machine or replacing a machine was easy to substantiate by means of the OEE insights'. 'In addition, we came to understand that operator troubleshooting and technical troubleshooting by technical staff could be improved significantly. That is why we started deploying technical operators so that technical faults can be solved directly. This results in less loss waiting for a mechanic and at the same time increases involvement.

Also, we directly analyze the cause of the malfunction, so that we can think of a permanent solution for the problem.' 'We also focused on effective deployment of our employees on the production lines. By increasing the staff, our flexibility increased, as a result of which the changeover times were considerably reduced.'

CONTINUOUS IMPROVEMENT OF PRODUCTION PROCESSES

European Aerosols currently has 8 production lines and although we have been able to improve the productivity of these lines considerably, we believe that expansion will be necessary soon, due to the increasing demand for our products.