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OMRON MALAYSIA SDN. BHD Wins "Team of the Year - Electronic Manufacturing" at the Malaysia Management Excellence Awards 2023

- Efforts to Contribute to the Realization of a Carbon-Neutral Society Receive High Acclaim -

OMRON Corporation (Headquarters: Shimogyo-ku, Kyoto, Japan; President and CEO: Junta Tsujinaga) announced that OMRON MALAYSIA SDN. BHD (hereafter, Malaysia Plant), division Device & Module Solutions Company, has won the "Team of the Year - Electronic Manufacturing" award at the Malaysia Management Excellence Awards 2023 (sponsored by Asia Business Review). The Malaysia Management Excellence Awards is a prestigious recognition of excellence in management in the Asia-Pacific region.



Members of the Malaysia Plant that won the Malaysia Management Excellence Awards 2023

The Malaysia Management Excellence Awards is organized by Asian Business Review magazine to recognize leaders, innovators, and teams that have made outstanding achievements in the Malaysian business world. In response to environmental issues that are becoming increasingly serious globally, the Malaysia Plant has been working to reduce CO₂ emissions and improve energy efficiency in its production processes, thereby contributing to the reduction of environmental burdens. By working together as a team to innovate production process technologies, such as improving hot runners, introducing an automatic recycle system, and reducing Volatile Organic Compounds (VOCs) in the parts cleaning process, the plant has achieved a 515-ton*¹ reduction in CO₂ emissions. This achievement was highly evaluated by The Malaysia Management Excellence Awards.

Major Points of Evaluation for Initiatives at the Malaysia Plant

- The plant set a target of reducing CO₂ emissions by 500-tons*² in FY22 and worked toward the reduction in the following manner:
 - In the production process of molding parts, improved hot runners and automatic recycle system was introduced. This enabled the use of recycled materials and reduced plastic waste emissions, resulting in a CO₂ equivalent reduction of 513-tons*³.
 - In the cleaning process for press parts, the company changed from using VOCs for cleaning to air blow cleaning. This reduced VOCs emissions, resulting in a reduction of 1.85-tons*⁴ in terms of CO₂ emissions.

- In response to the challenges in both reducing CO2 emissions and ensuring stable production and quality, an optimal process was created through cross-departmental collaboration among global members, including manufacturing, quality, and engineers. Thus, 515-tons*¹ of CO2 emissions were reduced as a result, contributing to the realization of a sustainable future society through decarbonization.

In accepting the award, Ryota Goto, Managing Director of the Malaysia Plant, commented: "The OMRON Malaysia Plant is a great example of a company that is committed to the environment. The facility is committed to solving social issues through its business activities. We believe that this initiative is the first step to contribute to the reduction of environmental burdens by reducing VOCs and improving the recycling rate of molding resins through technological innovation in the production processes, thereby reducing CO2 emissions, in response to increasingly serious environmental issues. We place great importance on coexistence with the Earth and will continue to actively promote the development of products and processes that lead to decarbonization, thereby contributing to the realization of a sustainable society together with local communities and customers."

Under its long-term vision "Shaping the Future 2030" launched in April 2022, OMRON has set "solving social issues through business" and "realizing decarbonization and reduction of environmental impact" as its key sustainability issues (materiality), the company is working to realize a carbon-neutral society through the provision of its products and services, and is also promoting carbon neutrality at its own sites by pursuing initiatives to reduce the environmental impact of its manufacturing sites. With these, OMRON strives to continue to realize a carbon-neutral society and contribute to its sustainable development and the lives of people on earth.

*1 515-tons: Theoretical CO2 emissions reduction in FY22, compared to the amount that would have been achieved without the hot runner improvement, automatic recycle system, air blow cleaning, and other efforts.

*2 500-tons: Targeted CO2 emissions reduction in FY22. Theoretical value compared to the case where no efforts were made to improve the hot runner, automatic recycle system, etc.

*3 513-tons: Theoretical value of CO2 emissions reduction in FY22 compared to the case where no efforts were made to improve the hot runner, automatic recycle system, air blow cleaning, etc.

*4 1.85-tons: Theoretical CO2 emissions reduction in FY22 compared to the case where no efforts were made to transform the chemical cleaning process to, air blow cleaning, etc.

About OMRON MALAYSIA SDN. BHD

As group of Device & Module Solutions Company, Malaysia Plant is working to solve social issues through the business of relay products that respond to social needs such as the spread of new energy equipment and the need to respond to higher frequencies.

We place great importance on coexistence with the Earth and will continue to actively promote the development of environmentally friendly products and processes, thereby contributing to the realization of a sustainable society together with local communities and customers.

About OMRON Corporation

OMRON Corporation is a leading automation company with its core competencies in Sensing & Control + Think technology, and is engaged in a wide range of businesses including industrial automation, healthcare, social systems, and device & module solutions. Established in 1933, OMRON has about 30,000 employees worldwide, working to provide products and services in more than 130 countries. For more information, please visit <https://www.omron.com/global/en/>

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