

Times Microwave Systems Inc. (Amphenol Corporation) is a global manufacturing company located in Wallingford, Connecticut that serves various industries such as aerospace, medical, and wireless infrastructure. Times Microwave Systems Inc. has a global manufacturing presence and a vast network of manufacturing facilities and distributors worldwide. This enables the company to provide quality products to customers around the global market. One of the key strengths of Times Microwave Systems is its in-house engineering and manufacturing capabilities. This enables the company to deliver customized solutions that meet the unique needs of each customer, including product design, installation, regulatory compliance, and performance improvement. The company's team of technical experts is dedicated to helping customers understand the electrical and mechanical trade-offs of each possible solution, and is always willing to listen to their individual needs and consider innovative solutions. In addition to its technical expertise, Times Microwave Systems is known for its commitment to quality and customer service, as well as its focus on pollution prevention.

Times Microwave Systems Inc. has implemented various P2 (pollution prevention) techniques and technologies in recent years that have had a positive impact on both the environment and the community. Implementing pollution prevention practices is important for protecting the environment and human health. Pollution prevention practices involve taking steps to reduce the release of pollutants into the environment, such as by reducing the use of hazardous materials, improving containment or material handling operations, or optimizing process conditions. By implementing these practices, facilities can reduce the environmental impacts of their operations and protect the health and well-being of the surrounding communities.

One of the key P2 techniques implemented by Times Microwave Systems Inc. has been source reduction, which refers to the process of decreasing the amount of waste generated during manufacturing processes. This has been achieved through a range of methods, including improved containment, material handling operations, enhanced quality control measures, and changes in operating practices. The implementation of P2 techniques has allowed the facility to operate more efficiently, which has helped to create jobs and boost the local economy. In 2018, the facility implemented improved quality control measures such as calibration tools on equipment and quality testing at each stage of production. This has allowed for the identification of non-conforming material earlier in the production process, allowing it to be reworked rather than scrapped for recycling. This has resulted in a 25-49% reduction in waste. In 2015, Times Microwave Systems Inc. also made changes to its product specifications, which has allowed for the minimization of waste generated in the initial manufacturing processes. This has been achieved through the expansion of the use of foreign cable for specific operations, resulting in an increase in production ratio and higher usage of short lengths of cable that would have previously been sent for recycling.

In addition to source reduction, Times Microwave Systems Inc. has also implemented other environmental practices such as recycling. For example, in 2017, the facility recycled material deemed no longer usable, damaged, or old stock that was no longer in use based on inventory reviews and forecasted orders. In addition, any items that were recyclable were recycled through a recycler or single-stream recycling.

Another P2 technique implemented by Times Microwave Systems Inc. has been the use of improved containment and material handling operations. In 2021, the facility put additional measures in place to further eliminate the potential for stormwater discharge, helping to protect the environment and the local community. The facility released 2.08 pounds of Copper, but in the current year, it released 0 pounds, resulting in a percent change of -100. The pollution prevention information provided in the data suggests that the facility implemented several measures to reduce their release of Copper. These measures included transferring excess process water from extrusion troughs to an evaporator tank, improving containment or material handling operations, and taking additional measures to eliminate the potential for stormwater discharge. By transferring excess process water to an evaporator tank, the facility was able to reduce the amount of Copper that is released into the environment through wastewater. This helped to prevent water pollution and protect aquatic life, as Copper is toxic to aquatic organisms and can harm their reproductive and immune systems. By improving containment or material handling operations, the facility was able to reduce the risk of spills or leaks of Copper or other pollutants. This could include installing containment systems, using spill-proof containers, or training employees on proper handling procedures. By implementing additional measures to prevent stormwater discharge, the facility was able to reduce the amount of Copper that is released into the environment during periods of heavy rain or other precipitation.

The facility has also implemented energy-efficient lighting and a comprehensive recycling program for both materials and products. These efforts have helped to reduce the facility's carbon footprint and have contributed to its overall sustainability. To quantify the impact of their P2 efforts, Times Microwave Systems may have used data from the Toxic Release Inventory (TRI) or other EPA programs to track their progress over time. By providing data on its waste reduction, emissions reductions, and other P2 activities, the company has demonstrated the positive impact of its efforts on the environment and the community.

One of the most notable achievements of Times Microwave Systems Inc. was its inclusion in the EPA's National Environmental Performance Track program. This program recognizes facilities that have demonstrated a strong commitment to environmental performance and continuous improvement. Times Microwave Systems Inc. was recognized for its efforts to reduce waste and improve efficiency and was recognized as a leader in environmental performance.

Overall, the P2 and sustainability efforts of Times Microwave Systems Inc. have had a significant positive impact on the environment and the community. By consistently identifying and implementing new initiatives, the facility has demonstrated its commitment to environmental responsibility and has made a meaningful contribution to the sustainability of the region. The facility has successfully reduced the release of pollutants into the environment, improved the efficiency of its operations, and strengthened relationships with the community through its engagement efforts. The benefits of these pollution prevention practices to the surrounding communities and environment are numerous. Reducing the release of Copper helped to prevent water pollution and protect ocean life. Additionally, reducing the release of Copper can help to protect human health, as exposure to high levels of Copper can cause respiratory issues, liver and kidney damage, and other health problems.

Overall, implementing these pollution prevention practices helped to protect the health and well-being of both the surrounding communities and the environment.