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ZincSecure™ Challenges the Coin-banknote Boundary at the African Currency Forum - 2018

During the African Currency Forum held at Victoria Falls, Zimbabwe on September 2-5, 2018, Mr. Vinay Menon, Business Development and Marketing Manager of Jarden Zinc Products, presented how ZincSecure™ coins are breaking the coin-banknote boundary. The presentation detailed the security and cost-effective features of ZincSecure™ for central banks and monetary authorities who are exploring coin materials to replace low-denomination banknotes and high-value solid alloy coins. Jarden Zinc Products also had a booth at the conference where Central Banks and Mints could learn more about the new ZincSecure™ technology and experience firsthand the high-quality finish and coinability of both single-piece and two-piece (bi-metal) coins.

Change for the Future

ZincSecure™, the non-magnetic zinc-based coin technology, is the latest coinage product development from Jarden Zinc Products. It is a very economic alternative option for low-value banknotes and high-cost solid alloy coins. The longer lifespan of coins compared to banknotes is a major factor that contributes to the savings ZincSecure™ coins provide to customers. Based on our internal study, we estimate the central bank would need to produce just one ZincSecure™ coin for 15 banknotes, thus substantially lowering costs. An internal study by Jarden Zinc estimates that central banks could save approximately \$370 million over a 20-year period if they switch to a ZincSecure™ coin from a banknote for a single denomination. In addition to the cost-savings, security is another important advantage ZincSecure™ provides to the central banks. ZincSecure™ utilizes existing technology of electromagnetic signature(EMS) vending technology to provide security, thus avoiding cost implications to vending and sorting industries. The ability to provide a unique EMS compared to other coin materials and the option of providing other ZincSecure™ alloys with distinct EMS differentiates ZincSecure™ in the current market. This feature allows countries to adopt ZincSecure™ without a concern about cross-usage risk with similar sized coins from neighboring countries. Furthermore, Jarden Zinc's family of alloys allows a country to develop multiple denominations of coins in ZincSecure™, each with its own distinct EMS.

The capability of Jarden Zinc to produce single-piece or two-piece bi-metal coins, enhances the security of the coin and makes it a viable candidate to low-denomination banknotes that mints or central banks are looking to replace. With ZincSecure™, central banks and mints can reassess their position on the coin-banknote boundary. This breakthrough in coinage technology is certainly a positive Change for the Future!

For more information on ZincSecure™, visit www.jardenzinc.com/zincsecure.



Picture: Mr. Vinay Menon presenting on 'Is Your Coin-Banknote Boundary Where It Should Be?' and how ZincSecure™ is helping countries push the boundary at the African Currency Forum, September 5, 2018



Picture: Dr. Vishal Agarwal at the Jarden Zinc Booth at the African Currency Forum, September 2-5, 2018

About Jarden Zinc Products

Jarden Zinc Products is a leading global supplier of solid zinc coil, coinage, automotive fuse, architectural and cathodic protection products. Jarden Zinc Products is the largest manufacturer of zinc strip in North America and is ISO 9001:2015 certified. Located in Greeneville, Tennessee since 1970, the company has been manufacturing zinc products in the U.S. since 1885. Jarden Zinc Products is a subsidiary of Newell Brands.

About Newell Brands

Newell Brands (NYSE: NWL) is a leading global consumer goods company with a strong portfolio of well-known brands, including Paper Mate®, Sharpie®, Dymo®, EXPO®, Parker®, Elmer's®, Coleman®, Jostens®, Marmot®, Oster®, Sunbeam®, FoodSaver®, Mr. Coffee®, Rubbermaid Commercial Products®, Graco®, Baby Jogger®, NUK®, Calphalon®, Rubbermaid®, Contigo®, First Alert®, and Yankee Candle®. For hundreds of millions of consumers, Newell Brands makes life better every day, where they live, learn, work and play. For further information about Newell, please visit www.newellbrands.com.