Max-AI® Technology

**Bulk Handling Systems (BHS) and NRT** Headquartered in Eugene, OR, BHS is a worldwide leader in the innovative design, engineering, manufacturing and installation of sorting systems and components for the solid waste, recycling, waste-to-energy, and construction and demolition industries. Wholly-owned subsidiaries include Nihot (Amsterdam), NRT (Nashville, TN) and Zero Waste Energy (SF Bay Area, CA). Clients around the globe choose BHS because of its experience, dedication to cutting-edge technology, quality construction and durability, and unmatched customer service. BHS has built some of the largest and most durable MRFs in the world – and they are achieving the highest throughput, recovery and purity rates in the industry.

**Max-AI Technology**
Max-AI® technology is a breakthrough artificial intelligence that identifies materials, makes intelligent decisions and directs equipment such as robotic sorters. Through deep learning technology, Max-AI employs both multi-layered neural networks and a vision system to see and identify objects the way a person does. The groundbreaking technology is driving improvements in MRF and PRF design, operational efficiency, recovery and purity, system optimization, maintenance, and more. The Max-AI Autonomous Quality Control (ACQ) combines this intelligent technology with a robotic sorter to pick and place up to six different material types in one location. The AQC outperforms manual sorting in this role, consistently making smart decisions and 65 picks per minute over multiple shifts.

This innovation allows MRFs and PRFs to run longer with lower operational expenses, produce more products with increased purity, capture accurate data for reporting and dynamic optimization and adapt over time to the changing material mix without major capital expenses.

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**Congratulations on being selected for the 2018 APR Plastics Recycling Showcase! Your commitment to plastics recycling is greatly appreciated!**

Steve Alexander, APR Executive Director ____________________________

John Standish, APR Technical Director ______________________________