

ASSOCIATES, INC.

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March 14, 2017

SEW Eurodrive  
1295 Old Spartanburg Hwy  
Lyman, SC 29365  
Attn: Mike Stewart  
Industry Manager - BHS  
[mstewart@seweurodrive.com](mailto:mstewart@seweurodrive.com)  
Cell: (214) 850-7277

Dear Madame or Sir,

After extensive evaluation and demonstration, two of SEW Eurodrive's products have successfully completed the one (1) million cycle test under fully loaded conditions at the Lyman, S.C. facility and demonstrated that they meet the performance criteria of BNP Associates, Inc., for motors and gearmotors.

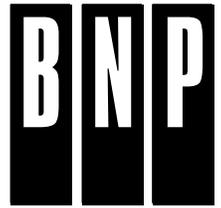
This letter is to formally advise you that SEW Eurodrive will be added to the BNP Baggage Handling System specification as an approved vendor for the supply of permanent magnet motors and gearmotors for the approved equipment, with the qualifications described below. The approved equipment is:

1. MOVIGEAR series (permanent magnet gearmotor)  
product tested MGFTT4 -DSM-SNI-B/ACR/DSP/EBW/PG
2. DRC.. series (permanent magnet motor)  
product tested KT39/T DRC2-015-SNI-A-ECR

The test results indicated two items that will be monitored on all projects in which the approved equipment is utilized. Any disparity between the test results and field installation will be reviewed and evaluated in consideration of the equipment approval status.

A. Power – An increasing power draw during the 1 million cycle test was observed and attributed to the significant wear of the conveyor components, further verified by a lack of premature or significant wear of the disassembled driveline components from the test. Live system performance will be observed to confirm that the power draw stabilizes and that there are no detrimental effects to the SEW equipment as a result of normal operating conditions.

B. Shaft Voltage – A low-level shaft voltage was measured on the drive shaft, which is typical of similar installations that utilize Variable Frequency Drives. Specification compliance is required regarding the mitigation of induced shaft current and this issue will be monitored to validate that symptoms of the common failures associated with this condition do not occur.



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The use of SEW Eurodrive's equipment on any future project will be through the normal bid process and will be dependent on the BHS Contractor and/or the Owner's preference. Please note that specification requirements are subject to change without notice, and that each project will have unique design aspects that shall be followed according to the associated contract.

BNP appreciates the professionalism that you and your company have demonstrated, as well as the considerable effort put forth in meeting the requirements of our specification and its related test criteria. We look forward to working with you on upcoming projects.

Very truly yours,  
BNP Associates, Inc.

A handwritten signature in black ink that reads "Owen Ballou". The signature is written in a cursive, flowing style.

Owen Ballou, P.E.  
Associate Director

cc: Terry Cochran (Project Director), BNP Associates, Inc.