



July 23rd, 2021

Nate Tillis

City of Waukesha
600 Sentry Dr.
Waukesha, WI 53188
Phone: 262-524-3626
ntillis@waukesha-wi.gov

Subject: Sole Source Request – Service and Parts
Reference: 13-0075 Waukesha

Dear Sir,

The APGN High Efficiency Turbo Blowers installed at the City of Waukesha WWTP in Waukesha, WI are highly engineered pieces of equipment. These blowers utilize cutting edge technology which requires a specialized service person with extensive training to service and maintain. The components which require this specialized knowledge are the bump foil air bearings, the high speed permanent magnet motor (22,000 RPM), the back swept forged impeller, the 400 hertz VFD, along with the programming in the PLC. This technology is designed to operate at the highest efficiency and reliability but without proper preventative maintenance performed by a factory trained service person, the efficiency and reliability can be negatively affected.

Given the situation where the need for service is required, a traditional source cannot be used as these service providers do not have the required knowledge, experience, and skill set with the technology, and do not have a reliable and expedient source for repair parts. Therefore APG-Neuros strongly encourages and recommends utilizing APGN factory trained and certified technicians to maintain and service these blowers to ensure long life at peak performance and ensure optimal return on the investment of these blowers.

The parts or components utilized within the APGN Turbo Blower are customized or manufactured by APGN. The expertise required to manufacture the bearing and impeller is only available through APGN. The VFD and PLC operate with APGN designed software. Therefore all replacement parts should only be purchased from APGN for proper operation and control of these Turbo Blowers as no other known source can provide these parts to the required standards.

Sincerely,

Julio Fajardo

Aftermarket Sales Manager

A 1270 Michèle-Bohec, Blainville, QC J7C 5S4 Canada
A 160 Banker Road, Plattsburgh, NY 12901 United States
P 1-866-592-9482 ext. 2116
E jfajardo@apg-neuros.com