



Resolving issues at the wastewater pumping station builds trust in Ukraine

In December 2012 Grundfos Ukraine bid for the Urban Infrastructure Project in Boryspil, Ukraine, for the renovation of three wastewater pumping stations. The bid was based on six SE wastewater pumps with the S-tube® impeller, two in each of the three pumping stations, and thanks to the high efficiency offered by the pumps, Grundfos Ukraine won the bid .

The main International Airport in Ukraine is located in Boryspil, making this north-central Ukrainian town the main point of entry to the country. That makes Boryspil very important, and other municipalities in Ukraine looking to upgrade their wastewater infrastructure will certainly have taken note of the manner in which issues were resolved during the refurbishment, to the satisfaction of the customer.



The SE/SL pumps with the S-tube® impeller give the highest efficiency over a wide range and the largest free passage providing reliable and trouble-free operation with lower energy consumption

The situation

In December 2012 Grundfos Ukraine bid for the Urban Infrastructure Project in Boryspil, Ukraine, for the renovation of three wastewater pumping stations. The reason of renovation was that the existing pumps had been installed for 30 years and were using too much electricity. Too much time was being spent by staff on service and maintenance was frequent and a large number of spare parts were required. The project was specified for a competing pump manufacturer, so Grundfos Ukraine knew what they were up against .

The Grundfos solution

Grundfos Ukraine supplied six SE wastewater pumps with the innovative S-tube® impeller, with two SE pumps in each of the three wastewater pumping stations. The Grundfos solution was chosen because of the higher efficiency of the Grundfos pumps compared to the competitor offering. The Grundfos Ukraine supplier was subcontracted to the main contractor, who was TREK-S. In addition, control boxes with competitor equipment (soft starters and controllers) were a part of the delivery.

The outcome

The six SE wastewater pumps were installed in mid-2013, however shortly after start-up all pumps were damaged due to a production defect. Within two months, all pumps were repaired and are still working properly. Other than the production defect, there have been no instances of clogging and energy consumption has been reduced by 30 %.

Resolving issues such as this after installation shows a good cooperation between Grundfos sales and service departments and the ability to resolve issues at the customer in a short period of time. Since the defect became apparent, control has been carried out on 46 other pumps from this problem group, and some of these have also been repaired in the same way.

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“Boryspil is an important gateway to Ukraine, and the way Grundfos resolved issues with the supplied pumps could influence decisions taken by other municipalities in Ukraine. Working with Grundfos has been a very positive experience for us, in what has been a complex and expensive project,” says Oleksandr Ganush, Director, Boryspilvodocanal

“Realising any project is a challenge. On occasion, what happens after the sale is completed becomes very important, as it is here we resolve issues; doing this well can lead to new opportunities and impacts the image of not only the sales company but of our brand. We quickly resolved the issues created by the production defect on the pumps we supplied, to the satisfaction of all parties and showing the values that are central to our success,” says Oleksiy Lutsyuk, WU Segment Manager, Grundfos Ukraine



The S-tube® impeller offers greater hydraulic efficiency than any other type of wastewater impeller, without compromising free passage. This results in the lowest life cycle cost, trouble free operation and best-in-class non-clogging capabilities.



Since installation of the six SE wastewater pumps with S-tube® impellers there have been no instances of clogging and energy consumption has been reduced by 30%.

Products supplied:

- 2 pcs 15 kW SE/SL wastewater pumps with S-tube® impeller
- 2 pcs 17 kW SE/SL wastewater pumps with S-tube® impeller
- 2 pcs 20 kW SE/SL wastewater pumps with S-tube® impeller