

measure bulletin

Newsletter for the customers of Labkotec Oy

October 2015

Labkotec and the Pirkanmaan Osuus-kauppa cooperative will jointly carry out a refurbishment programme to provide new and refurbished ABC service and unmanned stations with state-of-the-art fuel level measurement systems.

The ABCs are careful about levels and prices

The refurbishment of forecourt equipment typically takes about six weeks. The picture shows the recently refurbished ABC Viinikka in Tampere.

When drivers fill up their vehicles, the two decimal places accuracy of the fuel dispenser seems self-evident. It rarely comes to mind how demanding this measurement actually is, considering that not only euros and cents but also the inventory volume of the underground fuel tank must be made to match simultaneously.

"The sensor technology makes it possible to reach a level accuracy of fractions of a millimetre. Temperature variations unavoidably lead to minor losses, but all in all we have been able to attain the highest possible overall accuracy with contemporary technology in these recent ABC projects," says **Kari Kananen**, Project Manager at Labkotec.

He points out that the best possible accuracy in level measurements is justified precisely because the products concerned are those sold to fuel station customers. Additionally, this makes it possible to optimise inventory turnover in the fuel tanks and to guarantee fuel availability throughout the year.

Non-commercial distribution points, such as bus, locomotive and transport company depots, have also made investments in ac-

curate level measurement systems and the LabkoNet® system.

"The systems make it possible to conveniently outsource fuel deliveries to suppliers. However, local tank monitoring and reporting is still needed for purposes such as inspections carried out by the environmental authorities," Kananen reasons.

Investments picking up in Pirkanmaa

The construction of the ABC station network was commenced in Finland in 1998 when the S Group decided to have the first ABC service station store built in Utti and the first unmanned ABC station built in Konala, Helsinki. The network has subsequently expanded at a steadily brisk pace. The 100th ABC service station store was opened in 2010, and nowadays you may fill up your vehicle at 438 ABC stations of different types.

In the Pirkanmaa region, entirely new unmanned ABC stations were opened last year next to the Prisma department store in Koivistonkylä and at the centre of the Tesoma area. Additionally, a project was implemented in connection of which the forecourt of the Oritupa service station was moved away from the front of the station to streamline traffic in the yard area.

"Our most recent project was the refurbishment of the ABC station in Prisma Kangasala, which was brought to completion in December 2014.

In this project, as in our other projects, we worked in close collaboration with Labkotec," says **Timo Willandt**, Sales Manager of the Fuel and Car Wash Business at Pirkanmaan Osuuskauppa. Willandt says that as part of the refurbishment of stations, the underground fuel tanks and other technology are also replaced to meet the modern day demands. In addition to these technical improvements, efforts will be made to also streamline the customers' actions in the forecourt – both by means of traffic arrangements and with easy-to-use vending machines.

Willandt says that the replacement of the meters was also necessary because of the increasingly stringent EU level safety regulations. In addition to the aforementioned technical improvements, the developer also decided to improve the actual fill-up process.

"As far as the LabkoMax level measurement system is concerned, it has also been made simpler to use thanks to its new touch screen terminal," Willandt sums up.

Measure your success

Labkotec
INDUTRADE GROUP

Labkotec Oy
Myllyhaantie 6
FI-33960 Pirkkala, FINLAND
Tel.int. +358 (0)29 006 260
Fax int. +358 (0)29 006 1260
E-mail info@labkotec.fi

Labkotec UK Ltd.
Adminicle House
1 Lumb Lane, Audenshaw
Manchester M34 5WH, ENGLAND
Tel.int. +44 (0)844 3350 477
Fax int. +44 (0)161 2927 673
E-mail info@labkotec.co.uk

Labkotec AB
Ekbacksvägen 28
SE-168 69 Bromma, SWEDEN
Tel.int. +46 (0)8 130 060
Fax int. +46 (0)8 555 36108
E-mail info@labkotec.se

Labkotec GmbH
Technologiezentrum
Lise-Meitner-Strasse 2
24941 Flensburg, GERMANY
Tel.int. +49 (0)461 9992 410
Fax int. +49 (0)461 4807 335
E-mail info@labkotec.de

www.labkotec.com

www.labkonet.com