

Parker Helps Guarantee Leak-free Refuelling at New CNG Bus Filling Station



VEHICLE FUELLING

HIGHLIGHTS:

- Products: A-LOK® Two Ferrule Fittings and Tubing used for CNG distribution lines installations at bus filling station
- Location: Azerbaijan
- Accomplishments: secure leak-free connections, vibration resistant, corrosion resistant, reduced environmental impact.

Background

Parker was approached by ENERAZ LLC, engineering subcontractor of Azpetrol Ltd. LLC and the biggest operator of filling stations in Azerbaijan, to provide several site-critical CNG distribution tube lines for a new CNG fuelling station in Baku.

Fitted with fourteen CNG dispensers, six CNG compressors, three gas dryers and three chillers, the CNG filling station, which is located in the Narimanov district of Baku city, will be used by 300 buses of BakuBus LLC.

System Configuration

Nearly 2,000 metres of Parker seamless tubes together with A-LOK® two ferrule tube fittings manufactured by Instrumentation Products Division, Europe are among the key components to have been fitted onsite by contractors, Eneraz LLC.

Murad Jafarov, Parker's Azerbaijan Area Manager, said:

As with all high pressure gas fuelling systems, ensuring environmentally-safe CNG distribution was one of the main priorities for Azpetrol. This is something we've been able to guarantee by providing tubes and fittings that have been specifically designed to provide leak-free connections along the highly pressurised distribution lines."

Not only do Parker's CNG components guarantee leak-free distribution, they've been manufactured to withstand the corrosive

effect of being exposed to the elements over a sustained period of time. And they're also robust enough to withstand the vibrations generated when the tube lines are being used.

Elchin Mammadov, Head of Supply Department at Azpetrol, said:

"While this may have been the first time we've worked with Parker, we were aware of their products on board CNG vehicles, as well as within the wider CNG refuelling infrastructure across the world, which now includes Azerbaijan's newest bus filing station.



A-LOK two ferrule fittings

"Having Parker's components onsite has provided us with peace of mind that the risk of gas leaks, and the associated environmental impact is being kept to an absolute minimum now, and for many years to come."



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