

Amarinth wins pump order for Portuguese PTA plant

An **Amarinth** product story

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Amarinth will supply 40 centrifugal industrial process pumps, worth a total of EUR2m (GBP1.79m), to Aker Kvaerner for the Artenius purified terephthalic acid (PTA) plant in Sines, Portugal.

The pumps will pump clean fluids and slurry.

Amarinth will supply a selection of A Series API 610 OH2 and C Series ISO 5199 pumps with installed powers ranging from 5.5KW to 315KW.

Variable speed control will allow running speeds of between 1450 to 3850rpm.

The pumps are made from a mix of carbon steel and high-alloy duplex stainless steel.

They incorporate a sliding baseplate to alleviate some of the piping loads.

This baseplate enables the pumps to cope with rapidly changing volumes that would otherwise inject damaging jolts into the plant's pipework.

Aker Kvaerner is providing the engineering, procurement services and construction management to the project.

This new plant will produce one million tonnes of PTA a year and will be one of the largest of its kind in Europe.

It is scheduled for completion in the first quarter of 2010.

The PTA produced will be used to make polyester, PET resin for packaging, PET films, powder coating resins and synthetic fibres.

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