



## Marine Service

### Alfa Laval's dry dock service offering in China



Your vessel depends on a variety of expensive equipment. To keep your ship operating smoothly – and cost-effectively – proper maintenance of that equipment on a routine basis is vital.

As a developer and manufacturer of marine technology, we at Alfa Laval are always looking for new innovations that keep your equipment working like new – and sometimes even better! After all, who is better suited to help you maintain your equipment than the original supplier?

Many maintenance, overhaul and upgrade services can be performed during dry docking. Our dry dock service offering is shown on the following page. Please note that some of these services can also be performed while your vessel is in operation.

As with anything, the better the planning – the better the results. Prior to docking, we perform a boiler inspection while your vessel is in the harbour. In addition we can conduct a performance audit which also entails a discussion with advice for your crew, which is followed by a proposal with recommended actions for improving the operation of your equipment – and, in turn, your entire vessel.

## Pre-inspection service

Products	Scope	Why	Why Alfa Laval
Boilers	Boiler pressure part inspection	Ensure limited internal fouling to improve highest efficiency	As OEM, AL is aware of crucial areas and latest developments
Major products	Performance audit marine	Will provide an up to date report in order to plan any potential repair, service or upgrade well in advance of the dry-docking. In addition our service engineer will advise the crew onboard on maintenance and overhaul	Fixed and competitive price in specified harbours by the most competent company to do the survey

## Dry dock service

Products	Scope	Why	Why Alfa Laval
Boilers	Boiler repair	When any pressure parts require to be replaced	As OEM, AL is the specialist with all original specifications and procedures on file
	Fuel oil valve kit	Stable operation and less maintenance	Unique solution only provide by maker
	FD Fan	Stable operation and less maintenance	Unique solution only provide by maker
	Flowmeter	Less maintenance and higher reliability leads to elimination of downtime	The flowmeter is tailor-made for AL boilers
	Fuel transfer pump insert upgrade	Improved performance for low viscosity oils	Designed specifically for AL original pumphouse
	Dry dock kit	A selection of the most common parts, if you wish to perform overhaul yourself	Kits are tailor-made for each series of boilers with original parts
	Automation	Advised to be done every docking (or every 2 years) to keep high performance and optimized efficiency of the boiler system	AL has the original settings and parameters and latest software updates
Plate Heat Exchanger Fresh water generator	Re-conditioning	One in a life time of the ship you need to do a re-conditioning of the platepack, normally after 8-12 years since the delivery	Restore your plate heat exchanger to like-new condition with the right expertise and the proper tools
Filters	Upgrading to 10 micron fuel oil filter as recommended by engine maker	Recommended by engine manufacturers. Dry docking offers perfect opportunity	Compact and versatile Easy to install, operate and maintain

Alfa Laval reserves the right to change specifications without prior notification.

### How to contact Alfa Laval

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