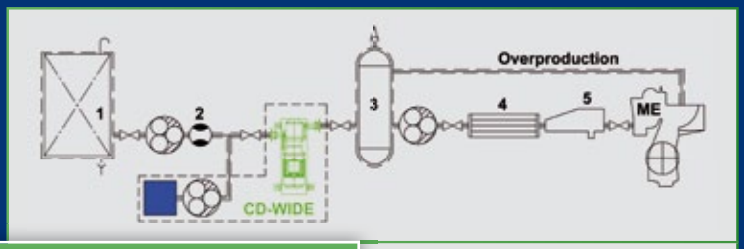
The CD92-WIDE: "Water-in-Diesel/Fuel-Emulsification System"

No experiments. Choose the Original.

Meet the permanent rising of Fuel costs!

Protect your budget! Ask for S.I.T CD92-Homogenizer!

Following see the potential of our CD92-System to reduce fuel costs.



CD-WIDE

1: F. O. Serv. Tk 3: Buffer Tk. 5: Viscosimat
2: Flowmeter 4: F. O. Heater

Latest IMO Regulations…

… require the elimination of hazardous NOx-emissions, in the first step for all newbuildings from the year 2000 on. This demand is one of the most important challenges for the future. Besides the various methods which meanwhile are being developed to reduce the NOx emissions, the compact CD92-WIDE emulsification system is a costeffective and functional alternative. It requires only little installation space compared to other solutions and no specific engine modifications. So the CD92-WIDE system, developed by S.I.T GmbH, is a practically proven and beneficial solution for both newbuildings and retrofitting purposes. When technical modifications on existing engines are either not possible or too expensive with regard to an economic operation in future, the use of a stable water-in-dieselemulsion is the easiest way to achieve a significant NOx reduction. With the great advantage, that it can be used for all kinds of diesel engines from slow speed 2-stroke to high speed 4-stroke engines, without rising fuel consumption.

Effects & Benefits…

- ☑ Reduced NOx Emissions.
- ☑ Improved combustion quality.
- ☑ Usable for slow-speed 2-stroke and medium / high-speed 4-stroke engines.
- ☑ No increase in fuel consumption.
- ☑ Usable from light to heavy fuels.
- ☑ Usable for existing ships, newbuildings and power plants ashore.
- ☑ Plus all the advantages of the established CD92-CI-System.

Only achievable with CD92-Mycronizer.

The Core of each CD92-system: Different Application, same CD92-Homogenizer.

20 YEARS

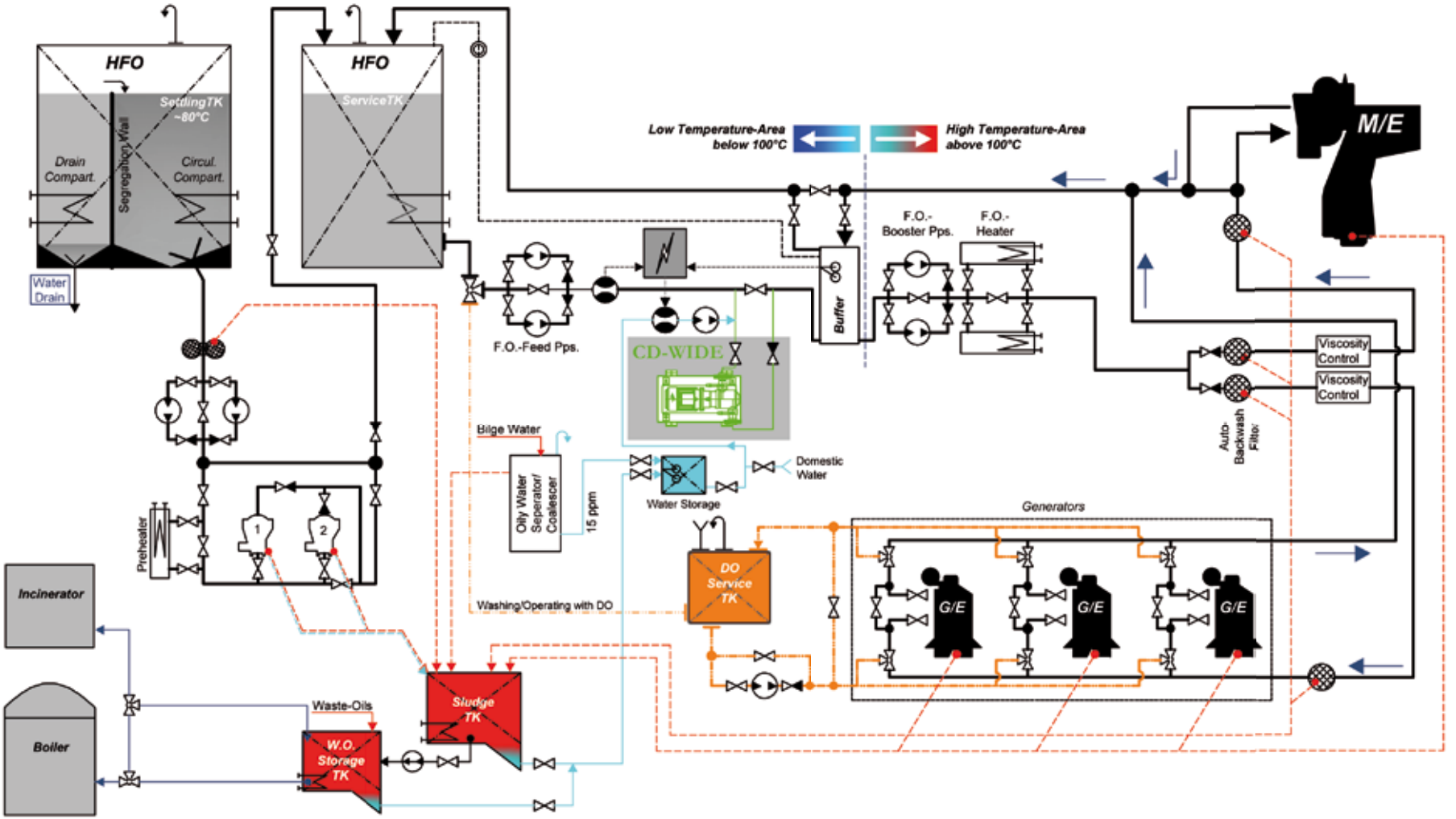
The portion of water is one indication to judge the reducing effect. 1% water added to the fuel lowers the NOx formation by also 1%. But only when completely emulsified to the fuel. (The CD92-WIDE unit enables emulsions up to 50% water content.) Since early 1997 numerous installations have been carried out and all units are presently fully in operation. S.I.T establishes a new, improved technical standard in order to be able to continue to guarantee an economic and ecological use of heavy fuel oils in future.

S.I.T systems are approved by class societies ABS & LR and complying with Marpol 73/78, IMO 2000 requirements.

ABS TYPE APPROVAL PROGRAM · Lloyd's Register · MARPOL

S·I·T

The CD92-WIDE: "System-Description"



ONLY APPLICABLE FOR S.I.T-CD92™ MYCRONIZER!