



Stork Asset Management Solutions provides know-how, advice and support
**On the way to optimal asset performance
at Oiltanking**

Oiltanking is a fast-growing organization. Continuing to deliver a world-class response to market developments requires changes in the maintenance organization and processes. Stork Asset Management Solutions has taken up the challenge of optimizing Oiltanking's asset performance. In recent months the two companies have worked hard together on an integrated project plan, which has now been rolled-out. A coordinated range of measures covering maintenance management, business processes and integrity management have been developed, and are now being implemented in phases. The 'new' maintenance organization is scheduled to be fully operational by the beginning of 2010.

Oiltanking is one of the world's largest independent oil, gas and chemicals storage companies. It has 62 terminals in 20 countries, with a total storage capacity of more than 13 million cubic meters. Oiltanking Stolthaven Antwerp (Belgium) is one of its biggest terminals. The company has called on Stork to help it prepare for the future. "The reasons for choosing Stork are its historic links with Oil & Gas, its physical presence in the Port of Antwerp, and a proven track record in maintenance and business process management solutions", explains Huib Jansen, managing director of Oiltanking. "As well as that, Stork has the capability of providing a total package of services relating to asset management solutions."

Total Asset Performance Audit

To come up with the right solutions to Oiltanking's requirements, Stork first carried out a Total Asset Performance Audit. "Our professionals held on-site interviews and carried out a site tour, each based on their own specific areas of expertise but with the same 'company' perspective", says Werner van Acker, business manager of Stork Asset Management Solutions Belgium. "The aim was to get a total overview, including the applicable legislation and regulations, existing permits and the overall operational situation. Then we set up a steering group, with representatives of both Stork Asset Management Solutions and Oiltanking, to support and supervise the project."

Integrated package of measures

The result was that an integrated package of measures was defined jointly with Oiltanking, to be implemented in phases in the coming years. The basic conditions for the project have now been defined, including attention for the roles and responsibilities of those involved and a specification of the expectations for the Computerized Maintenance

Management System, Rimses. A new Maintenance Engineer will also be recruited, and Stork will act as coach for job familiarization and training of the Maintenance Engineer. In this phase, knowledge and best practices will be embedded in the maintenance organization.

Mindsetting

"Setting up a different kind of maintenance organization based on a long-term vision requires a new mindset", says Werner van Acker. "The Oiltanking people can see that the present results are good, so why should you change the maintenance organization? That's the challenge as far as we're concerned. We provide Oiltanking with advice and support in this process of creating awareness, for example by means of training and performance monitoring. We translate our best practice templates to match the everyday situation at Oiltanking. That leads to more professional, standardized working methods." Oiltanking also needs to have assurances about the integrity of its storage tanks and pipelines. To meet that requirement, Stork has taken effective steps by defining and implementing periodical inspections, which allow potential faults to be identified before they occur. This allows Oiltanking to get more out of its installations. "Another important advantage is a reduction in maintenance costs", adds Werner van Acker.

License to operate

For Oiltanking, the project will be successful if it results in a longer lifetime of the tanks, and if a modern, effective and efficient maintenance organization is in place within the next few years using a functional reporting system. In other words an organization with a 'license to operate', that meets all the applicable legislation and regulations in relation to safety and the environment, and one that works continuously on optimization.

