

Contact:

- Marina Landi: +39 010 6054475, marina.landi@it.tenovagroup.com

Tenova TAKRAF obtained the Practical Completion Certificate for two stackers in Australia

August 2008 – Tenova TAKRAF, through Tenova-Semf (Australia), has recently obtained the Practical Completion Certificate for the two identical Sonoma Mine Radial Coal Stackers.

The machines, owned by Q Coal and located in the Bowen Basin coal fields of far North Queensland, were each designed to receive and stockpile raw coal at the rate of 700 tph to form two separate radial stockpiles each through 120 degrees for consolidating the coal prior to outloading by rail. The Annual throughput for each machine is 3.0 million tonnes.

Tenova-Semf Scope of the Contract included the Design, Supply, Delivery, Erection and Commissioning Supervision for both Radial Stackers. Each of the Stackers has a boom length of 90 metres and is inclined from the fixed pivot at ground level at an angle of 15 degrees. They are supported on the bogies and running rails at 60 metres radius and can form a stockpile of nominally 20 metres overall height. The machines operate fully automatically without the need of any on-board operator interface.

Due to the tight time frame for the Delivery and Erection of the first Stacker Tenova Semf adopted the same Structural Design as the Wilpinjong Stacker and only modified the Mechanical components to reduce the handling rate from 1600tph down to 700tph. This enabled Tenova Semf to Supply and Erect the first machine in 44 weeks from placement of order and complete the second machine 28 weeks later giving a total time for both machines of 72 weeks.

This was the first repeat business following on from the Wilpinjong Stacker and represented another successful project to strengthen Tenova Semf reputation in the Australian Coal Handling Market.

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