

**Contact:**

- Marina Landi: +39 010 6054475, [marina.landi@it.tenovagroup.com](mailto:marina.landi@it.tenovagroup.com)

**Tenova TAKRAF successfully completed the Defects Liability Period for the Wilpinjong Radial Coal Stacker (Australia)**

**August 2008.** Tenova TAKRAF, through Tenova-Semf (Australia), has recently completed the Defects Liability Period for the Wilpinjong Radial Coal Stacker located in the central coal fields of New South Wales (Australia). Tenova-Semf Scope of the Contract included Design, Supply, Delivery, Provision of Erection and Commissioning Supervision. The Client was Excel Coal and the Consulting Engineers and Mine Developers were Thiess Sedgman Joint Venture.

The machine has a boom length of 90 metres and was designed to receive and stockpile raw coal at the rate of 1600 tph to form a radial stockpile through 180 degrees for consolidating the coal prior to outloading by rail. The Annual throughput is 8.0 million tonnes. The Stacker has a boom length of 90 metres and is inclined from the fixed pivot at ground level at an angle of 15 degrees. It is supported on the bogies and running rail at 60 metres radius and can form a stockpile of nominally 20 metres overall height. The discharge chute is fitted with a telescopic chute to control dust emission and the machine operates fully automatically without the need of any on-board operator interface.

This stacker represented the first Tenova-Semf success in the Australian Coal Handling Market and its good result enabled Tenova-Semf to replicate with further five machines all based on this original design concept.

Tenova designs and supplies advanced technologies, products and services for the metal and mining industries. Tenova operates close to its customers through a network of 30 companies based on the 5 continents. For more information visit our website at [www.tenovagroup.com](http://www.tenovagroup.com).