

Press release

November 2006

LOI supplies new CCSU for steel strip coils in Taiwan

Chung Hung Steel Co. (formerly Yieh Loong Enterprise) awarded LOI Thermprocess, Essen, a contract to modernize its "Coil Cooling and Storage Unit (CCSU)" with a total of 48 final cooling stations. CCSUs are used to cool steel strip coils in a dehumidified atmosphere following annealing.

LOI is the only single-source supplier of units of this type, offering the completion of the entire project from design and development through to construction.

Under the contract, LOI is to replace the entire air treatment system of the existing plant operated by Chung Hung. Using a closed-loop air system with compact dehumidifiers for air drying and a cooling system equipped with heat exchangers, it will be possible to ensure defined cooling gradients and a constant air humidity in the cooling stations in the future. The new LOI system will also significantly reduce energy consumption.

A supervisory control computer with an interface to the higher-level production system will ensure optimum capacity utilization.

Chung Hung Corp., Ltd., was established in 1983 and supplies high-grade steel products to national and international markets. Controlled cooling in special final cooling systems has proved to be a significant factor in product quality.

Chung Hung anneals coils of cold-rolled steel strip in bell-type annealing plants with a hydrogen atmosphere. The maximum stack weight is 95 t, the maximum coil diameter 1850 mm and the maximum stack height 5300 mm.

LOI Thermprocess is a TENOVA company.

TENOVA is part of the Techint Group. It designs and supplies a wide range of equipment and services for the iron & steel, non-ferrous metals and raw material industries. For additional information visit our website at www.techint-technologies.com.

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