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**News Release**

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**Plant installation starts at new  
Vietnamese galvanizing line**

Line installation starts in October at a new 80,000 tonnes per year greenfield galvanizing project near Hanoi, Vietnam, following shipment of key equipment from Europe in the coming weeks. Commissioning is scheduled for early 2005.

The project represents a significant step into steel processing by the Vietnamese Construction & Machinery Installation Corp (Lilama), which has ordered the plant to secure an in-house supply of coated steel sheet for the fabrication of cladding and components for commercial and industrial buildings.

The continuous hot-dip line forms part of a turnkey coil galvanizing and painting plant ordered by Lilama from Germany's MAN Ferrostaal AG group, who appointed Parkegate Engineering of Poole, UK, as a principal contractor for the galvanizing line. Parkegate's scope includes specifying and supplying mechanical and electrical components, including line terminal equipment, skin pass mill and tension leveller. Contract value to Parkegate is approximately 6.0 million US\$.

Most of the output will transfer to a new 50,000 tpy colour coating line being built alongside as part of the project, although some will be sold into the local market or used by Lilama unpainted.

Cold rolled coil 600-1,270mm wide will be the principal feed, but the galvanizing line will be able to accept some hot rolled and pickled coils within its input gauge range of 0.18-1.6mm. Line process speed is 95 metres/min (125 metres/min at entry and exit), coating thickness 80-400 grams/sq metre, and maximum coil weight 20 tonnes.

Equipment features include twin uncoiling stations, horizontal 4-strand entry-side strip accumulator, horizontal furnace, zinc or Galfan coating, skin pass mill, tension leveller, chemical passivation and vertical 12-strand exit accumulator. The skin pass mill work rolls are 520 mm diameter and are arranged to be changed with the strip in-line. The mill housing construction is of rolled steel plate. AC variable speed motor drives are used throughout, and control and

automation systems employ state-of-the-art profibus industrial communications technology.

There is the provision for future installation of a horizontal strip cleaning section on the line entry side, and a second zinc pot for Galvalume zinc alloy coating.

Commenting on the project and its significance for Parkegate, Neil Winkley, Managing Director, says: "The Lilama project represents our largest single order to date in our 8 year life and is an indication of the growth within Parkegate and our ability to secure large plant supply projects. This next step on the ladder of growth has given us the confidence to pursue other, even larger projects in the future"

- Parkegate Engineering Consultants designs, supplies and modernises rolling and processing equipment for the steel and non-ferrous metals industries world-wide. Since its formation in 1996 its large and highly experienced design and engineering team has been involved in more than 150 significant projects across 46 countries.

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