



**T**he two first test lines engineered and manufactured by Olimpia 80, have been completed and checked in our plant on November 2012 before the delivery to the final customer.

The tube can be tested with different systems:

- eddy current test
- ultrasonic test
- pneumatic test
- hydraulic test

The complete lines starting with two TIG tube mill for titanium material, to produce round tube in a range from 12.0mm O.D. to 60.3mm O.D. and from 0.4mm to 2.5 mm thickness.

Every line can test 100% of the tube, according the international standard rules, for a max length of tube 26 m.

Both testing lines are made up by:

- Tube loading device consisting of a driven rollway with rolls covered with Vulcolan and with



pneumatic arms for the tube feeding into a tool deburring device, to automatically remove both inside and outside burr.

- Ultrasonic test completed with an ED control for detection of superficial and sub superficial defects with 100% scanning of the material.

- Tube handling device connected with a disk saw cutting machine to remove simultaneously both sides of the tested tube and tool deburring device and to remove automatically inside and outside burr.

- Pneumatic pressure decay test air-to-air with the possibility of a pneumatic underwater test water- to-air. The system can check up to four (4) tubes at the same time.

- Tube unloading device, consisting of an evacuation rollway with automatic lateral tube unloading

In every passage there is an automatic selection of good and bad tubes connected with the different check systems.

Total capacity up to 60 m of tube tested per minute.

This kind of lines are available to test Titanium (Inconel, Incoloy) Stainless steel (Duplex and Super Duplex) tubes, required for heat exchanger, aeronautical, nuclear and desalination sectors.

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## Successful debut of indometal

**The first outing of indometal – international metal & steel trade fair for southeast asia – closed on a positive note.**

The 259 exhibiting companies from 26 countries including 70 local and Indonesian-based, six national groups and pavilions and an official group under the Ministry of Industry Republic of Indonesia showcased their products and services to 6,228

targeted and qualified visitors from more than 20 countries. Focused on the foundry technology, casting products, metallurgy and thermoprocess technology, it set indometal's position as the ideal platform for the metal and steel sectors in Indonesia and the region. "indometal 2013 has proven to be a highly successful and beneficial platform for both the overseas

and local exhibitors. Indonesia has tremendous business potential in the metal and steel sectors and this is evident in the high quality visitors present at the exhibition. We are extremely happy with the overall outcome of indometal 2013," said Rini Sumardi, Director of WAKENI – joint organizer of the trade fair.

With the trend in steel production shifting from mature

to emerging economies, and the industry focus on future growth through expanded production, operational agility and efficiency and cost optimisation, Indonesia is the ideal location for a specialised trade fair like indometal.

The next indometal will take place from 11 to 13 December 2014 in Jakarta, Indonesia. For more information, please visit [www.indometal.net](http://www.indometal.net)