

**DOWA Commences Operations of Second Plant
for Reflow Tin(Sn)-Plating of Copper Rolled Products in China**

DOWA METALTECH CO., LTD. (Headquarters: 14-1 Sotokanda 4-chome, Chiyoda-ku, Tokyo; Capital: 1 billion yen; President: SUGAWARA Akira; hereinafter DOWA METALTECH), a subsidiary of DOWA HOLDINGS CO., LTD. (Headquarters: same as above; Capital: 36.4 billion yen; President: SEKIGUCHI Akira), commenced the full-scale operations of DOWA METALTECH (NANTONG) CO., LTD. (hereinafter New Company) in March this year. The New Company is the second DOWA METALTECH processing facility in China, a part of its tin-plating business for copper rolled products.

DOWA METALTECH, has been advancing the reflow tin-plating business globally, and engages in reflow tin-plating at its processing facilities in China and Thailand with equal quality with that in Japan. In 2002 in China, DOWA METALTECH established DOWA ADVANCED MATERIALS (SHANGHAI) CO., LTD. (hereinafter DOWA SHANGHAI) within Shanghai City's Export Processing Zone in the Songjiang District, and has been reflow tin-plating and slitting (cutting) copper rolled products manufactured mainly in Japan. In addition, through a range of initiatives including the opening of a sales office in Shenzhen in 2012, it continued to expand its tin-plating business for copper rolled products in China.

The New Company, which has begun full-scale operations, provides reflow tin-plating and slitting for copper rolled products. It built a 2,800 m² plating plant in the provincially controlled industrial district dedicated to electroplating within the Rudong Economic Development Zone and a 13,000 m² slitting plant in the general district located within the same zone, providing a total plating capacity of 600 tons per month. As a result, DOWA's reflow tin-plating capacity, including the capacity of DOWA SHANGHAI, will increase to 1,000 tons per month in China.

Tin-plating is widely applied for electrical parts such as automotive wire harness terminals and busbars. The reflow tin-plating that is produced in the New Company significantly restrict the formation of whiskers, which may cause failures in electronic circuits and connecting parts.¹ Furthermore, the New Company provides not only standard reflow tin-plating but also special plating such as heat-resistant plating, which can be used on parts exposed to high temperatures and low insertion force plating, which is necessary for small terminals.²

¹ Whiskers: Needle-shaped metal crystals

² Low insertion force plating: Tin-plating featuring a reduction of insertion force when attaching connectors

In China, as the number of automobiles and related parts that are produced increases, demand for safety and long-term reliability of automotive parts is continuing to grow. DOWA METALTECH will continue to offer various copper rolled products and provide high quality reflow tin-plating and diverse slitting services. Through these efforts, it will seek to meet the demand from its customers operating in China.

[Overview of the New Company]

- Name: DOWA METALTECH (NANTONG) CO., LTD.
- Location: Rudong Economic Development Zone, Nantong City, Jiangsu, China
- Representative: Ling Le
- Capital: 15 million US dollars
- Shareholder: DOWA METALTECH CO., LTD. 100%
- Established: May 2018
- Beginning of Operation: March 2021
- Main equipment: Reflow tin-plating equipment (one unit) and slitter (one unit)

(Location of the New Company)



(Photo of the New Company)



[Overview of DOWA METALTECH CO., LTD.]

- Headquarters: 14-1 Sotokanda 4-chome, Chiyoda-ku, Tokyo
- Representative: SUGAWARA Akira
- Founded: October 2006
- Capital: 1 billion yen
- Shareholders: DOWA HOLDINGS CO., LTD. 100.0%
- Business outline: Manufacturing and sales of copper rolled products such as copper/brass/copper alloy strips, plated strips, metal substrates, nickel alloy strips, electronic parts and brass rods & forgings.

[Overview of DOWA ADVANCED MATERIALS (SHANGHAI) CO., LTD.]

- Location: Songjiang District Export Processing Zone, Shanghai City, China (Bonded area)
- Representative: OZAKI Taichi
- Founded: November 2002
- Capital: 2.5 million US dollars
- Shareholders: DOWA METALTECH CO., LTD. 100.0%
- Business outline: Reflow tin-plating and slitting (owns 5 slitters)

[Past press release on this matter]

DOWA Expands Tin-Plating Business of Copper Rolled Products in China — New Plant Construction in Nantong City, Jiangsu — announced on June 21, 2018

<https://ir.dowa.co.jp/en/ir/news/news-8188433657241133220.html>



Contact for inquiries

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