

Rhodium sponge from TCA S.p.A. gained LPPM accreditation, the highest global standard of purity and quality.

Since August 2024, TCA SpA has been among the 16 companies worldwide accredited by the London Platinum and Palladium Market (LPPM) as a refiner of the highest quality rhodium sponge. TCA SpA., which has been accredited since 2014 for Gold and Silver by the London Bullion Market Association (LBMA), and later for Platinum and Palladium by LPPM, has now completed its list of accreditations for each of the precious metals recovered and refined in its facilities. This ensures the recovery of the highest quality precious metals generated from industrial waste across various sectors. Nowadays, LBMA and LPPM are the global organizations overseeing the most rigorous and elevated standards of precious metal quality.

In **January 2023**, the London Platinum and Palladium Market, the organization that oversees the most stringent and elevated quality standards for platinoid group of metals, introduced a new **standard for Rhodium sponge accreditation**. This initiative arose from the desire of the organization to meet a growing trend among the leading producers and refiners of Platinum and Palladium accredited as Good Delivery to establish rules ensuring **high metal quality**. These rules are able to consolidate trust between parties and thus simplify operations among all market players.

With Rhodium sponge, TCA S.p.A. completes its list of **accreditations obtained for each of the precious metals produced**, marking a path of commitment towards an increasingly recognizable and certifiable quality, starting with Gold and Silver accreditation in 2014 and 2016, through admission into the select group of only 16 refiners worldwide capable of ensuring the Good Delivery standards of LBMA and LPPM. For TCA, these Good Delivery certifications complement its compliance with the standards of the *Responsible Jewelry Council* (RJC).

LBMA and LPPM not only represent **the highest quality and purity of metals worldwide**, but also the quality of the company itself, which is able to meet requirements for financial stability, proven analytical accuracy of the laboratory, and market operation, in addition to the requirements related to production capacity.

This new and paramount achievement by TCA SpA. is the culmination of the complex **accreditation process** required by the LPPM organization, which involves meeting technical, analytical, and production requirements. TCA could ensure not only the high quality of its sponge but also **its ability to produce a homogeneous material for sampling**, to engage in analytical comparisons using internationally shared methods and standards, and to be transparent at every step of the material preparation process. The company has met the requirements for reliability of its analytical laboratories, the quality of its refining department, and the chain of preparatory actions.

LPPM-accredited Rhodium sponge from TCA SpA is **a metal with significant characteristics** for many **industrial applications**. The commercialized product is a powder with homogeneous particle

size and composition, low variability in pollutant concentration, and **high purity**, consistently above 99.95%.

The quality of precious metals, such as Gold, Silver, Platinum, Palladium, and Rhodium, determines their value and, most importantly, their applicability. *«High-quality products that meet purity standards attract and satisfy customer trust, determine the refiner's reputation, enable reliable market exchange, and ensure industrial and manufacturing usability,»* declares TCA SpA General Manager Tommaso Chiarini.

Rhodium sponge is used **in various industrial sectors**, such as the automotive and chemical industries, where it is employed in the synthesis of many catalysts. Its unique properties, such as high corrosion resistance, excellent reflectivity, and high thermal stability, make it applicable in the electrical, coatings, jewelry, and scientific instrumentation industries.

«The LPPM accreditation of Rhodium sponge is another cornerstone on which the company builds, consolidates, and approaches its commercial strategy, as an increasingly qualified and reliable process partner for many companies worldwide,» concludes Giacomo Rossi, Sales Manager of the company.

T.C.A.S.P.A.

T.C.A. T.C.A. S.p.A. is a leading player in the recovery of precious metals from waste from various industrial sectors - from the jewelry to the pharmaceutical sector, from mining to electronics. With over 150 employees, 3 Italian locations, and an international outlook, TCA has been working for years as a process partner for the Italian gold and silver industry and with industrial companies worldwide. TCA S.p.A. is listed in the Gold and Silver Good Delivery List of the London Bullion Market Association (LBMA), in the London Good Delivery Platinum and Palladium List (LPPM), and its metals are RJC-accredited. TCA S.p.A. is among the few global players capable of managing the entire cycle of precious metal recovery processes, including the treatment of low-grade materials.