

## Press Release

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# For immediate release

# Versatile usage: International Osmium Identification Code and Database Simplify The Global Trade with 'Last Precious Metal'

MUNICH, GERMANY  $-26^{th}$  of November 2018 - The Osmium-Institute Germany launched the International Osmium Database three months ago. This database archives critical information on every piece of osmium which has ever been or will circulate on the market and provides a high degree of security when transacting osmium.

Customs authorities, jewellers, buyers as well as private individuals, including the owner of a piece, need to be able to verify the authenticity of a certain piece of osmium online. This was the main reason for the development of the Osmium Identification Code (OIC) and the International Osmium Database.

To learn more about the OIC, please reach out to your local Osmium-Institute.

Not only private trading benefits from these developments, but also partners can embed the OIC query field on their websites. This applies above all to jewellers and trading partners. For this purpose, an i-frame which is connected to the high-security code server is provided.

When the code is correctly entered, the archived information is displayed and includes photographs of the crystal structure which acts like a 'fingerprint' and can be compared with the real piece. Weight and dimensions are listed. In addition, the current price can be seen in several currencies; this facilitates international transactions.

The OIC designates only a certain piece of osmium and not its owner or possessor, unless expressly requested at the time of purchase. Giving consent to the Osmium-Institutes to archive buyers' contact details is especially interesting for investors who are planning on reselling in

the future. When interested investors approach the Osmium-Institutes to buy certain pieces, the Institutes can get in touch with the private holders provided that their data is in the system.

"The Osmium Identification Code provides a high degree of security when crossing borders and transacting between private individuals," says Ingo Wolf, Director of the German Osmium Institute. "Bearers of osmium can prove which osmium pieces they travel with when crossing borders. More importantly, forging osmium is no longer possible because the OIC is only issued by certified Osmium-Institutes."

It is important to keep in mind that once lost, an Osmium Identification Code for a specific osmium piece cannot be retrieved. In this case, the piece must undergo again the authentication process in the laboratory or an image recognition process to obtain a completely new code. If you would like to know more about the OIC and its benefits, please contact your local Osmium-Institute at www.osmium-institute.com.

The International Osmium Database can be accessed by entering the OIC on a range of websites, including <a href="www.osmium-jewelry.com">www.osmium-jewelry.com</a> and <a href="www.osmium-institute.com">www.osmium-institute.com</a> ('Authentication and certification' tab).

## **About the Osmium-Institutes:**

#### Tasks:

Osmium Institutes have the international task of introducing osmium into regional markets. They provide native-speaker support in the marketing of osmium as well as training for investment advisors, processors and organizations working with osmium.

Osmium is promoted as a jewelry and investment metal by osmium institutes and receives considerable support. This serves the purpose of providing information on high-temperature processing into jewellery and at the same time helping investors to check osmium for authenticity.

The current Swiss prices are published after each fixing via RSS feeds of the Osmium institutes in several currencies.

#### Purchase of osmium:

To purchase osmium, please contact retailers, financial institutions and wholesalers as well as jewellers who have received approval from osmium institutes for trade and distribution. These organisations have an obligation to have a profound knowledge of osmium.

Some of them are listed on the websites of the regional Osmium Institutes.

#### Process of osmium certification:

After being crystallized in Switzerland, all pieces of osmium are passed through the German Osmium Institute. After chemical analysis and scan, the crystal structures are entered as "fingerprints" of the osmium crystals in the international osmium database and the internationally valid number and letter code is assigned (hexadecimal code).

### **Manifestations:**

Unlike osmium sponge, crystallized osmium is non-toxic and completely harmless. Its appearance differs in the crystal lattice structure and thus changes the chemical properties of osmium. The metal belongs to the group of platinum metals and, like any precious metal, has the properties of special resistance to reactors.

## 2D-geometries:

Osmium is supplied in flat structures with a layer thickness of approximately one mm. Almost any shape can be cut by wire erosion. The rectangular shape is common for bars, which can be imported duty-free in many countries and countries as an investment instrument.

Safety instructions of the Osmium Institutes apply for the cut. During processing, it is recommended that the regional Osmium Institute approves the desired cutting forms. Certified cutting companies can also be commissioned directly by the institutes. For these cuts, if ordered over an Osmium Institute, full insurance applies in the case of a false cut of the ordered form.

#### 3D-geometries:

Osmium can be crystallized in structures up to 2cm in size on carbon cores. The core remains in the structure. It cannot be removed and in addition serves to the stability of the 3D surface. Only topologically monovalent forms are possible which do not have through holes. The shapes must merge smoothly. Sharp edges and corners are not possible.

## Forms of trade for crystallized Osmium:

The most common trading forms are the osmium disc and osmium medium edged bars. They are called osmium semi-finished products and are duty-free in many countries. These bars are supplemented by osmium diamonds and osmium stars.

Special shapes are simple geometries, silhouettes and letters. 3D objects are only available in extremely small quantities and are rarely and usually produced on request.

### Contacts for specific inquiries by media partners:

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## Contact for questions on customs and taxes as well as export, trade and import:

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## **Contact for Onboarding, Partnership, Training:**

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For journalists, the <a href="www.osmium-dlc.com">www.osmium-dlc.com</a> is available as a download center for free Osmium-related material. For direct inquiries or defined questions, please send an email to <a href="scarlett.clauss@osmium-institute.com">scarlett.clauss@osmium-institute.com</a>

## **Contact German Osmium-Institute:**

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## Contact for investors, collectors and end customers:

Hotline: +49 (89) 7 44 88 88 - 88

## More information about Osmium may be found here:

### 1. Osmium.info

Basic information for when first getting in touch with Osmium.

Covers all important information to pass the examination.

# 2. Osmium-training.com

A short explanation of the virtual academy and therefore the online training.

More information about courses and further training.

### 3. Osmium-institute.com

Covers the tasks of the Osmium-Institute and its employees.

Here, all international institutes are listed by their region.

# 4. Osmium-onboarding.com

Explains cooperation with the Osmium-Institutes.

A platform where new partners can register. Choose your code of reference here.

## 5. Osmium-sales.com

Website covering the sales partner's settlement and basic information.

Explanation of the marketing plan / earnings. Password: bigbang

## 7. Osmium-academy.com

Multi-language online training for jewellers and sale partners.

Here you can take the online examination anytime you want.

# 8. Buy-osmium.com

Online shop to buy Osmium and Osmium-Jewellery. Access for sales partners.

Branded shops for each sales partner.

## 9. Osmium-TV.com

This channel covers topics about Osmium, introduces new jewellery and new partners.

All new information is broadcasted in high definition and 4k resolution.

## 10. Osmium-dlc.com

Platform for pictures, texts, short films, brochures, posters, interviews.

The latest press information and posters can be downloaded here.

# 11. Osmium-Jewelry.com

This website lists all jewellers trading with Osmium worldwide.

Information how to process Osmium and work with the material including a safety guide.

## 12. Osmium-Preis.com

This website covers the current price of Osmium and the related charts.

Essential is the 1gr (0,035 oz) price to determine the material price.

### List of institutes:

## Espagna:

Instituto Español del Osmio para la comercialización y certificación de Osmio, S.L.

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