Your Most Trusted Experts In Storage, Shipping & Security Services

# Testing Lab

The first and most important issue for all our clients is making sure that their bullion is genuine. That is why we developed our unique and proprietary non-destructive testing method. We call it D.U.X

Testing.

# Making Sure it's Pure

We have gone an extra mile to make sure that the bullion stored in Our Vault House is authentic. We primarily deal with tax free IPM bullion – Investment (grade) Precious Metals. Also, we only buy the bullion from either LBMA (London Bullion Market Association) approved refineries or Central Bank mints, that have a long track record of refining precious metals.

# D.U.X Testing

All the bullion deposited or transferred in by clients is tested for authenticity. The DUX testing method uses expensive hi-tech equipment that measures and compares different physical characteristics of the bullion.

DUX stands for Density, Ultrasound and X-ray Fluorescence. Counterfeit bullion might pass an individual test but not the DUX trio of tests.

### Density Test

This is the first test that we perform because poorly made fake bullion deviates from the genuine ones by mass. Through precision weighing, we can quickly and reliably verify that the sample affirms its stated mass.

#### **Ultrasound Test**

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ultrasonic testing. Ultrasound test is therefore an excellent complement to the density test.

### X-Ray Flourescence Test

As the name indicates, this technology uses X-rays to quickly and reliably identify the metals present on a sample's surface as well as to measure its purity. Although it merely analyzes the metal surface, it provides a detailed analysis of the metal composition

## Electrical Conductivity Test

In 2009 we added ECM or Electrical Conductivity testing to complement the Ultrasound test. This test adds additional security especially when it comes to testing secondary market advanced counterfeits that include thickly gold-plated bars containing tungsten cores and ceramic alloy silver coins.

Precious metals like gold and silver have characteristic electrical conductivity properties. A mere 1.6% of copper present in gold can cause its electrical conductivity to decrease by over 40%. Hence, the impurities in fake precious metals can quickly be detected by measuring their electrical conductivity.

## Precious Metal Verifier

We also offer the portable, reliable and highly affordable Precious Metal Verifier. Using electromagnetic waves that penetrate deeply into the coin or bar, this personal metal tester can assess a sample in less than one second. Precious Metal Verifier is perfect DIY testing tool – it is very convenient and easy to use making it extremely popular with bullion retailers that mainly focus on buying and selling coins and smaller volume bars. Key features include:

## Magnetic Test

Precious metals also have distinctly different magnetic susceptibility to other metals which can be easily detected using a rare earth magnet. For example, even though the densities of gold and tungsten are very similar, they have very different magnetic susceptibility. Gold and silver are diamagnetic metals, which means they are repelled by magnets. On the other hand, tungsten is a paramagnetic metal – it attracts magnets albeit that the attraction force is weaker than ferromagnetic metals such as iron or nickel.

### TSH Bullion Tester

The TSH Bullion Tester is a portable handy tool to test the difference in magnetic susceptibility of metals to identify real bullion from fake. Use the TSH Bullion Tester together with two other types of tests (e.g. density, electrical conductivity or ultrasound) for best results. Never rely on a single type of test.

We will be releasing the TSH Bullion Tester soon. Indicate your interest to purchase it by sending us an email at info@assetsvaults.com

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## **Bullion Storage**

Our Storage Vault House is ISO 9001 certified, 10,000 sq foot, state

of the art vault which can hold over 500 metric tons of silver and 30 tons of gold and platinum

## Redefining Vault Storage

### Secure Storage

The Vault is strategically located in within minutes from the police station and is physically secured by 24/7 perimeter security officers. Operational security is provided by armed Auxiliary Police.

The stored bullion is segregated and placed in a uniquely identified, tamper evident parcel bags (parcels) that can be easily tracked by our clients. This parcel ownership system ensures that our clients are the sole legal owners of their bullion under the International Organizations Standardization law.

The security system operates 24/7 monitoring services with local and remote CCTV backups, quadruple alarm type sensors and 2.5 tons Class I door. Gold and platinum are stored in a special UL rated Class II Vault (a vault within a vault) which consists of 30cm thick composite steel walls.

#### Governance Best Practices

The ISO 9001 certified, bespoke Vault Management System is hosted offline i.e. physically disconnected from other networks and internet, to prevent outside attacks.

The system requires each deposit and withdrawal of bullion to be signed off by two TSH officers, auxiliary police officer and the client to ensure maximum transparency and security.

Unique Tracking

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Standardization law. Because The Vault House is solely operating in Ghana, this means that we do not have reporting requirements under FATCA

#### Unrivaled Insurance

We have one of the most comprehensive insurance policies in the industry. Our coverage includes theft, fire, building collapse, terrorism and sabotage, protection from inside jobs (infidelity) and negligence (mysterious disappearance)—a liability not commonly available to other vaults as they do not meet the operational standards required by the insurer or cannot afford the premiums.

### Independent Audits

In addition to third party insurance we also have regular and independent audits by Bureau Veritas, an international inspection company.

### Expedited Clearance and Compliance Control

We can issue import/export permits to expedite custom clearance for your bullion into or out of Ghana, whether it is shipped by the ton or carried personally. We also ensure that your bullion meets Ghana's IPM (Investment-Grade Precious Metals) standards and remains tax-and duty-free in Ghana.

"We go to extraordinary lengths to ensure not just the physical storage of bullion, but also that it is genuine, that you have legal title to your bullion, that it is tax free, that it is well insulated from fiscally irresponsible jurisdictions and companies, that it is decoupled from the banking system and that there will be no third parties or surprises between you and your bullion."

**Gregor Robert Johnson – Founder** 

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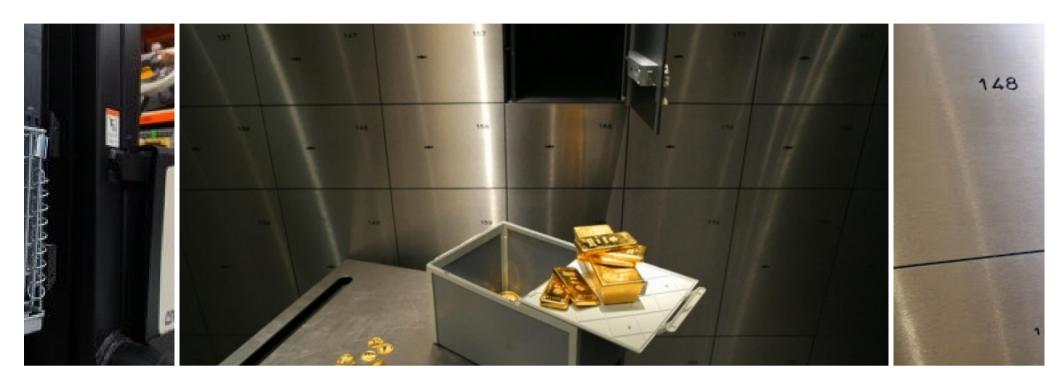
Test Gold/Silver

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Assets Vaults Provides You With The Best Services To Make Your Life and Business easier & Faster!!!

### **Secure Vault Storage**

Gold is the ultimate form of wealth preservation. Throughout history gold is the only currency that has survived in its original form. All paper money systems in history have been printed away until the money becomes worthless.

Owning gold is a form of financial insurance, so you need to possess it in the safest way possible in order to reduce counterparty risk. That's why Assets Vaults offers an alternative solution for investment and an ISO 9001 certified storage vault that also eliminates any and all exposure to the risks associated with having intermediaries between investors and their precious metals, either at the level of ownership (direct) or storage (a storage account in your name). Our clients, as sole and unique holders of their precious metals, have full access to their stockpile and can withdraw it by going to the vault in person

#### **Secure Storage Outside of the Banking System**

Storage outside of the banking system eliminates the risks of counterparty default (bankruptcy), bank account confiscations (bail-ins) and government confiscation, and permits access to one's gold/silver quickly in the event of a temporary bank closure.

Your precious metals are kept in professional storage units, so your precious metals never leave the professional logistics chain, retaining their maximum resale value. We work with an international insurance company to ensure against all risks.

We are strategically located in free-trade zone so no duties or taxes apply. Investments in physical silver are exempt from VAT.

#### Ownership and Storage in your name

The storage certificate issued in your name by an independent company guarantees that the gold bars really exist. A storage company cannot issue a storage certificate unless the indicated quantities of gold or silver are physically present in their vault. A storage account is opened in the client's name and a storage contract is signed between our clients and our storage partner. This means that, even in the case of our company going bankrupt, your assets are protected, because they do not appear on our company's or our storage partner's balance sheet at any time.

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that shows the identity of each investor and the bars' serial numbers.) The bars are also stored in the client's own name as well (a storage account is opened in the client's name and a storage contract is signed between the client and our storage partner). There is no intermediation between our clients and their precious metals except persons he/she names as a **legal next of Kin**.

Our secured storage is a company governed by the International Organizations Standardization law in regard to the logistics of secure storage of precious metals.

If you hold gold through a bank or other entity and you do not have a clear ownership certificate with your name and your bars' serial numbers, it is important to ask yourself the following question: If there is no clear document proving I am the direct owner of my gold, on which company's balance sheet does it show? Who is the legal owner? This is why Assets Vaults is your best choice.

ALL

**BULLION STORAGE** 

**HIRE SECURITY PERSONNEL** 

**PYSICAL CRYPTO STORAGE** 

SAFE DEPOSIT BOXES

**TESTING LAB** 

**TRADE BULLION** 



#### **BULLION STORAGE**

Our Storage Vault House is ISO 9001 certified, 10,000 sq foot, state of the art vault which can hold over 400 metric tons of silver...



#### **SAFE DEPOSIT BOXES**

This is our most popular service for clients who desire additional privacy and safety we offer Safe Deposit Boxes (SDBs). Our SDBs come with a...



#### **PHYSICAL CRYPTO STORAGE**

Designed to provide the safest storage of cryptocurrency in the market, by replacing digital storage for physical storage. Read More...



#### **TESTING LAB**

We have developed our unique and proprietary non-destructive testing method which measures and compares the different physical characteristics of bullion to ensure that it is...



#### **HIRE SECURITY PERSONNEL**

We provide Security Guard Services to private residents, SMB's, embassies, gold mines and other large enterprises. Our Security personnel are professionally trained and are certified...



#### **TRADE BULLION**

Here you can purchase bullion, authenticate bullion, sell bullion to us. Visit our trading platform

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