

ALFRED H KNIGHT

Inspect. Test. Trust.

WE ENABLE **TRADE** BY PROVIDING **TRUST** AND **CERTAINTY**
THROUGHOUT THE **GLOBAL** SUPPLY CHAIN.

- Alfred H Knight (AHK) is a leading provider of inspection and testing services for the metals, minerals, solid fuels and agricultural industries
- Established in 1881, independently family owned, currently 5th generation
- Member of Testing Inspection and Certification Council



OUR GLOBAL COVERAGE

INSPECT

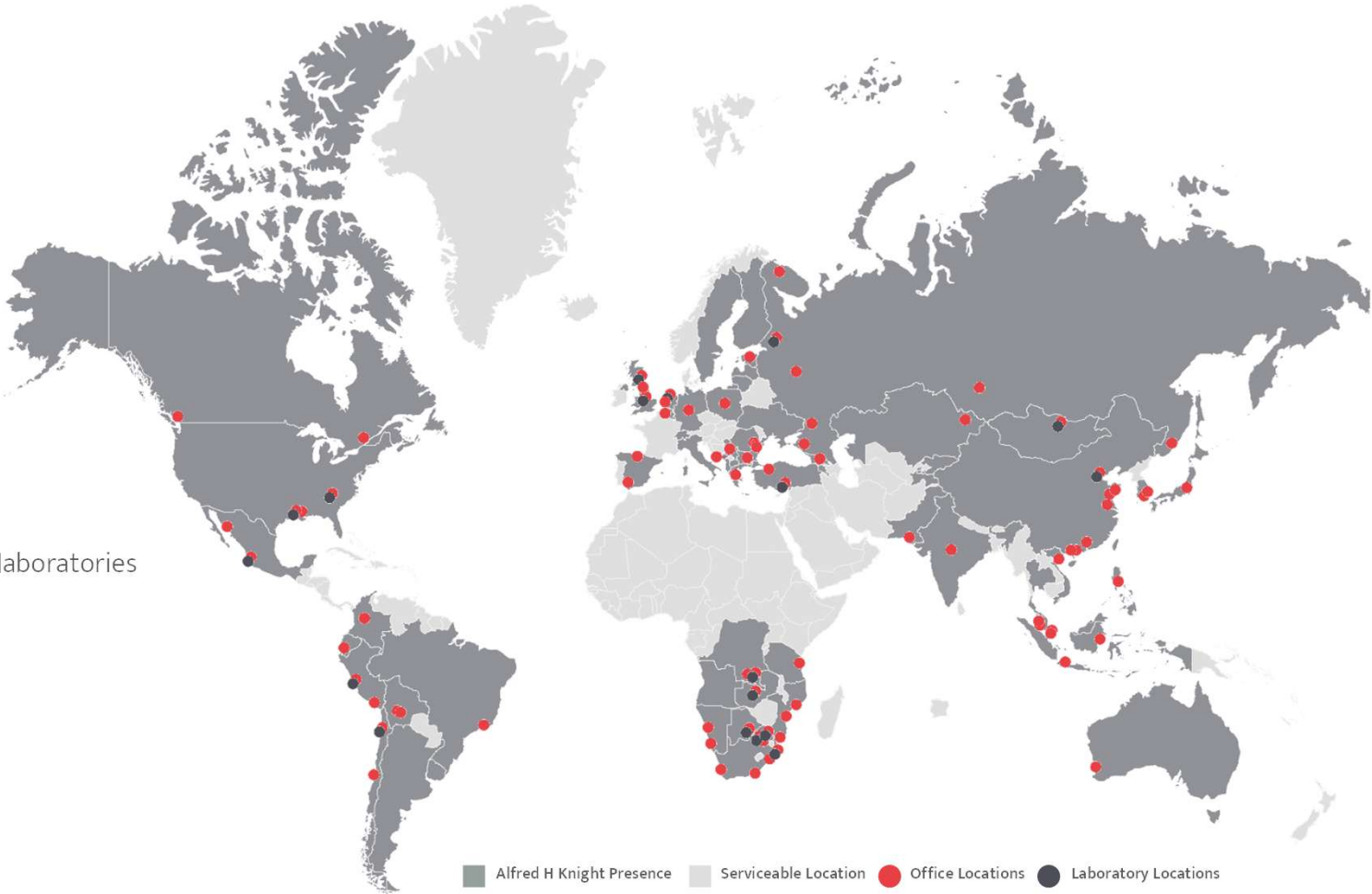
Operating in **over 45** countries
4250+ employees worldwide

TEST

Network of strategically positioned laboratories and sample preparations facilities

TRUST

Established over **140** years
Operating with care
Experienced and qualified



COMPANY BACKGROUND

PRESENT DAY

- We are a totally independent, family-owned business spanning our fifth generation of the Knight family.
- Offices and laboratories in over 50 countries throughout the Americas, Asia, Asia Pacific, Africa and Europe.
- 4,250+ staff worldwide
- Compliance with industry standards and regulations, including ISO/IEC 17025 and ISO 9001
- Continued re-investment in our personnel and facilities, including the latest advancements in laboratory technology and instrumentation



INTERNATIONALLY RECOGNISED

MEMBERSHIPS AND ASSOCIATIONS

The image displays 21 logos for international memberships and associations, arranged in three rows of four and a final row of three. The logos are as follows:

- Row 1: Gafta, FOSFA INTERNATIONAL, TIC COUNCIL (Independent Voice of Trust), International Cotton Association.
- Row 2: esa environmental services association, ISWA International Solid Waste Association, wra Wood Recyclers Association, EN plus, CIWM (Affiliated Organisation 2024, Together, we stand for a world beyond waste), RDF INDUSTRY GROUP, bsi.
- Row 3: IPMI INTERNATIONAL PRECIOUS METALS INSTITUTE, LPM LONDON PLATINUM & PALLADIUM MARKET, I M O A INTERNATIONAL MOLYBDENUM ASSOCIATION THE VOICE OF THE MOLYBDENUM INDUSTRY, LBMA, MMTA SUPPORTING WORLDWIDE TRADE OF CRITICAL METALS SINCE 1973, COBALT INSTITUTE, LME An HKEX Company.

QUALITY CONTROL AND ASSURANCE

ACCREDITATIONS AND CERTIFICATIONS

Our **Qualified and Experienced Chemists and Samplers** are supported by our Group Quality Assurance Department and our Group Research and Development Department.

Combined with our continued investment in equipment, technology and personnel, we ensure our clients benefit from fast, accurate results through constant improvements in efficiency, measurement techniques and quality.

Accreditations and certifications held by specific laboratories and offices in the AHK Group include:



UKAS
ACCREDITED
TESTING
LABORATORY
1543



UKAS
ACCREDITED
TESTING
LABORATORY
1765



UKAS
ACCREDITED
SAMPLING AND
SAMPLE
PREPARATION
FACILITY 8738



ISO 9001
TESTING
FACILITIES



ISO 14001:2015



ISO 45001:2018

ALFRED H KNIGHT

INDEPENDENT INSPECTION ANALYSIS AND CONSULTANCY SERVICES

Our inspectors work to recognised iso methods and follow standard operating procedures.



INSPECTION

- Supervision
- Pre-shipment Inspection
- Container Inspection
- Hold Cleanliness Inspection
- Stockpile Inspection
- Warehouse Inspection
- Due Diligence Inspection
- Draught Survey
- Fumigation



ANALYSIS

- Commercial Assay
- Semi Quantitative Scan
- Full Analysis
- Loss on Ignition (LOI)
- LME Registration
- Outsourcing Analysis
- Oil Determination / Moisture Determination
- Sample preparation



CONSULTANCY

- Technical Audits: Weighing and Sampling Operations
- Technical Audits: Sample Preparation processes and facilities
- Technical Audits: Laboratories
- Undertaking bespoke, personnel training
- Analytical Support
- Laboratory Management
- Plant Operations Efficiency

MARKETS

MINIMISING YOUR RISK, EXPERTS YOU CAN TRUST

Our diverse body of experts can provide tailored inspection, analysis and technical consultancy services to the following markets:



METALS AND MINERALS

- Base Metals
- Ferrous and Non-Ferrous Alloys
- Minor Metals & Steel Raw Materials
- Precious Metals
- Industrial Minerals



ENERGY SERVICES

- Biomass
- Wood Pellets
- Waste Wood
- MSW
- RDF
- SRF
- Commercial and Industrial Waste
- Household Waste



AGRICULTURE

- Fertilisers
- Fumigation
- Grains
- Feedstuffs
- Fibers
- Oilseeds
- Vegetable oils
- Rice
- Soft Commodities
- Food Commodities

AGRICULTURE – GRAIN AND OILSEED SERVICES

COMMODITIES

- Soybeans
- Canola Seed
- Wheat
- Rice
- Corn
- Beans & pulses
- Sunflower seeds

INSPECTION SERVICES

- On-site inbound sampling and grading services
- Weight determination and analysis services
- Grain processing quality control monitoring for weight and analysis.
- Vessel loading and discharge control supervision
- Hold cleanliness inspections and ultrasonic water-tightness testing
- Supervision of Incremental sampling
- Storage facility inspections
- Stock control monitoring and stock inspections/audits

ANALYTICAL SERVICES

- Grain analysis for protein, moisture, oil and Fibre
- Food safety and harmful substance detection
- Baking tests, protein quality and milling quality analysis
- On-site feed quality analysis during production
- Vessel hold and subplot testing
- On-site moisture detection programs
- On-site rapid testing technology

OTHER SERVICES

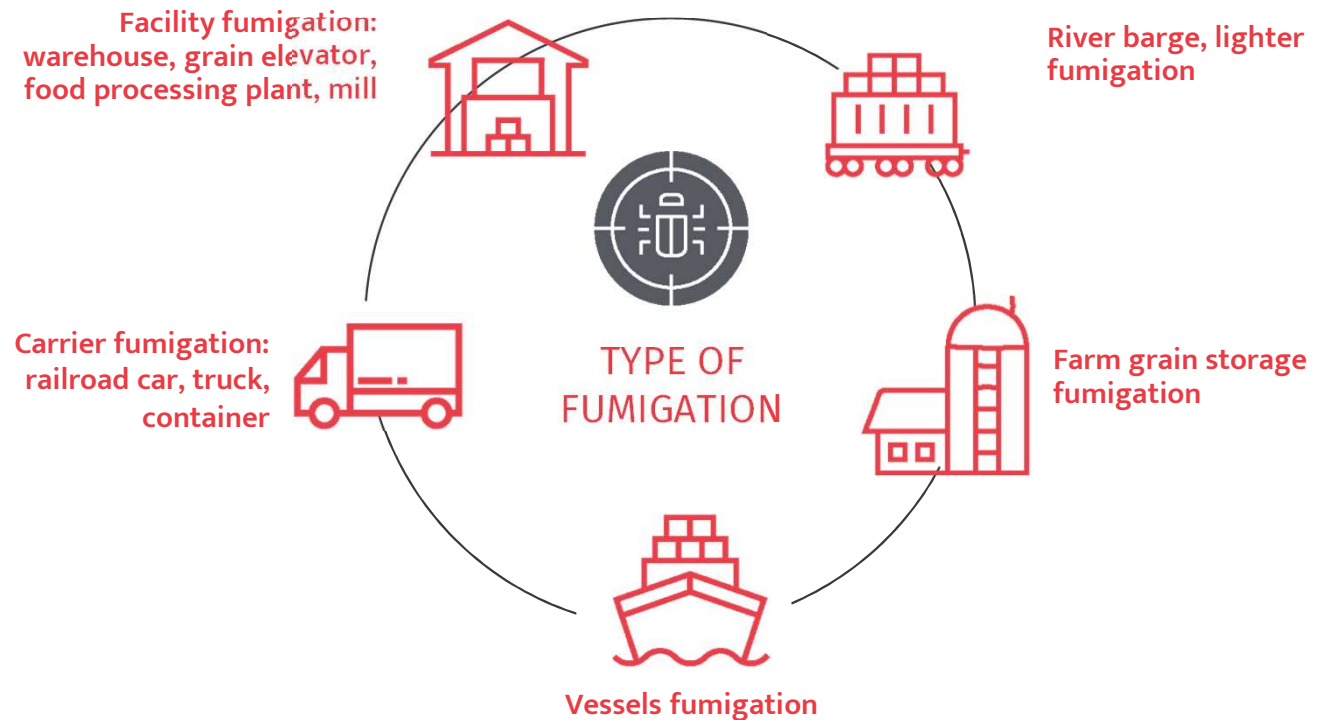
- Fumigation



FUMIGATION SERVICE

Fumigation is a method of rodent and insect control that distributes fumigant to exterminate insects in an enclosed space.

It is sealed to prevent the gas escaping to areas that are not being treated, for environmental and public safety.



GENERAL FUMIGATION FLOWCHART

