



INTEGRITY SCIENCE OPTIMISATION



Facility Name:
OHMS Hygiene
Accreditation
No: 20677

REDOHMSGROUP.COM.AU



THE RED OHMS GROUP

RED OHMS Group is a proud Australian owned and managed business, with a reputation for providing technical excellence, service quality and commercial value across all our service areas. We are a health, safety, training, hazardous material, and environmental consultancy, with a goal of ensuring that, where possible, people go home in better health than they arrived at work.

RED OHMS Group has a national footprint, with leadership, technical and operational resources located in regional offices across the country. We are one of Australia's leading and largest Occupational Hygiene Consultancy groups, comprising of the following specialist service delivery areas.

- OHMS Hygiene, established in 2014 and specialising in occupational hygiene requirements, from the provision of onsite/offsite guidance and support, covering high-level reporting, technical support, and legislative requirements, to detailed legislative monitoring requirements and delivery.
- OHMS Environment, established in 2015 and specialising in health, safety and environment expertise and support.
- OHMS Training, established in 2016 and providing the suite of British Occupational Hygiene Society (BOHS) training modules and asbestos training at both entry and advanced level.
- OHMS Hazmat, established in 2019 and specialising in hazardous materials related consultancy.

RED OHMS Group is owned by three directors, and currently has over 80 staff. One family owner is Noongar of the Yuat group, the Noongars being the traditional owners of southwest WA. The Yuat lands are to the north of Perth and extend from the coastline to Leeman, and east to Coorow and Moora.

With our highly qualified and experienced team, RED OHMS Group are able to develop and improve your HSE management systems, with a focus on identifying and managing risk coupled with strategic planning, documentation development, leadership support and governance. We have the experience to develop systems that are simple and effective that will ensure improved HSE performance.

OUR SERVICE PROFILE

RED OHMS Group have subject matter experts to deliver tailor made programmes that enable change and make a positive difference to organisations. We will work with you to assess, plan, implement and sustain various programmes in the safety, mental health and leadership areas.

LEADERSHIP & CULTURE

Our programme is provided below:

- safety culture diagnosis
- psychology of risk
- culture change

We also provide various levels of coaching for:

- executive coaching
- individual and team coaching for operational leaders
- internal safety coaches programme
- safety leadership development for workforce

RISK MANAGEMENT AND HSE

RED OHMS Group can develop and improve on your existing systems whether they be stand-alone or integrated including:

- facilitating risk assessments
- conducting legal and other reviews
- developing all relevant systems and operational procedures
- building tailored training programmes to ensure your systems are well understood and sustainable

ROOT CAUSE ANALYSIS

RED OHMS Group can use one of two established methods for incident investigation:

- TapRoot, this model improves performance by analysing and fixing problems to prevent major accidents, quality issues, equipment failures, environmental damage and production issues; or
- ICAM (Incident Cause Analysis Method), this model provides the ability to identify what really went wrong and to make recommendations on necessary remedial actions to reduce risk and build error-tolerant defences against future incidents

SECONDMENTS

RED OHMS Group can provide you with short and long term backfill requirements at every experience and professional level:

- HSE/safety management roles
- project managers/advisors

AUDITING, COMPLIANCE & DUE DILIGENCE

RED OHMS Group have lead auditors with the experience to conduct inspections, investigations and reviews internal and third-party auditing and due diligence assessments as well as:

- management system auditing and governance
- establish reporting and compliance and corporate governance programmes
- providing knowledge, understanding and guidance in achieving compliance standards
- due diligence assessments



OHMS HYGIENE

Occupational hygiene is the anticipation, recognition, evaluation and control of hazards in the workplace that may have an impact on health and well-being. OHMS Hygiene is focused on providing occupational hygiene solutions to businesses of all types and sizes. With highly qualified hygienists, we partner with clients to lead, engage and mentor to achieve the legislative requirements and for their journey to industry best practice.

OHMS Hygiene will then define and implement monitoring strategies for those hazards providing regular assessment and control of your workplace risks.

OHMS Hygiene uses a risk-based approach to provide a range of services to ensure our partners are equipped with both the knowledge and manpower to protect their workforce.

Our experienced team can offer your business guidance and assistance through identifying health hazards or hazardous substances within your workplace via a health and hygiene risk assessment.

OUR SERVICE PROFILE

RISK MANAGEMENT

- Risk assessments
- Health & hygiene management plans
- Risk registers
- HSE management plans
- HSE compliance audits & improvement plans

AIR QUALITY

- Mine air quality officers
- Dust, fibres, fume & mists
- Gases, vapour and DPM (diesel particulate matter)
- Diesel exhaust testing
- Indoor air quality
- Atmospheric contaminants
- Indoor air quality

RPE AND HPD FIT TESTING

- RPE quantitative fit testing
- RPE awareness training
- HPD fit testing
- Hearing conservation training

NOISE & VIBRATION

- Noise Officers (WA)
- Noise surveys
- Personal dosimetry
- Vibration assessments, whole body and hand-arm

ASBESTOS

- Fibrous minerals management
- Asbestos containing materials' management
- Asbestos-in-soils management
- Fibre sampling and monitoring
- Clearance inspections
- Asbestos surveys
- Stakeholder engagement

TRAINING

- BOHS and OHTA approved courses
- BOHS and OHTA approved trainers
- Topics include asbestos, hazardous substances, noise, thermal stress, plus others as required
- ** British Occupational Hygiene Society*
- ***Occupational Hygiene Training Association*

MEDICAL

- Audiometry & audiometric programmes
- Medical programme assessments

VENTILATION ASSESSMENTS

- Fume hood testing in laboratories
- Extraction ventilation testing & assessments, *e.g.* in furnace areas, process areas *etc.*

HUMAN FACTORS

- Manual handling
- Ergonomics

BIOLOGICAL SAMPLING

- *Legionella* sampling
- Drinking water assessments
- Water damage assessments

DIESEL EMISSIONS

- Diesel emission testing of mobile vehicles, including:
 - elemental carbon
 - carbon monoxide
 - nitrogen dioxide
 - nitric oxide
 - oxygen
- Measurements are collected in real-time
- Elemental carbon measurements are calibrated against NIOSH 5040
- Diesel emission testing provides:
 - compliance monitoring, under Regulations
 - assistance in programmed maintenance

SCIENCE
BEHIND
SAFETY



HYGIENE TECHNICIANS

Technicians can undertake the following:

- air contaminant monitoring (dust, gas, vapour, fibre)
- personal noise dosimetry
- vehicle diesel emissions testing
- goldroom gas testing
- RPE (respiratory protective equipment) & HPD (hearing protective device) fit testing
- hydration testing
- thermal stress risk assessments
- water sampling
- government reporting
- feedback reporting
- workplace hygiene inspections

OCCUPATIONAL HEALTH & HYGIENE SPECIALISTS

Specialist roles may include:

- operating in an advisory capacity
- conducting compliance auditing
- undertaking risk assessments
- developing & implementing HSE management systems
- review & interpretation of hygiene monitoring data
- hazardous substance reviews
- annual statistical summaries
- health & hygiene management plans
- health and hygiene training
- preparation fibrous minerals management plans

RADIATION SPECIALIST

Hygienists that are specialised in ionising radiation management and assessment, both technician and principal levels. Our specialists are accredited by the Northern Territory, Western Australia and South Australia to handle radioactive sources and manage radiation in the workplace.

HAZARDOUS MATERIAL

- Dangerous goods management compliance audits
- Hazardous substance audits and surveys
- Preparation of hazardous substances registers and SDSs
- Training in interpreting SDSs, how to conduct risk assessments and the use of chemicals in the work place
- Health impact assessments
- Fibrous minerals management (naturally occurring asbestiform minerals)

HEALTH & HYGIENE MANAGEMENT PLANS

- Most legislation needs a methodology for managing occupational hygiene risks, requiring sites to carry out structured risk assessments of their occupational hazards and then develop a plan to manage and monitor them
- These management plans are intended to:
 - accurately describe all the health hazards in the operation
 - detail the controls required to prevent harm to operators
 - form a basis from which a sampling quota can be negotiated
- NIOSH criteria are usually used to produce a sampling strategy that outlines the number of samples to be taken on a quarterly basis. This sampling quote is then submitted for government approval and quotas are set for the financial year over four sampling periods

WATER QUALITY

- *Legionella* monitoring
- Drinking water assessments
- Water damage assessments
- Water quality management plans
- Potable water quality assessments

SPECIALISED ACTIVITIES

- Ventilation assessments for extraction units
- Noise surveys
- Vibration surveys: hand-arm vibration & whole body vibration
- Lighting surveys
- Geochemical and mineralogical assessments of ore and waste material
- Safety data sheet preparation
- Oil & gas shutdowns/ operations
- Audiometric officer

OTHER EXPERTISE

- Indoor air quality including:
 - moisture and mould assessments
 - preparation of mould management plans and training
- Sampling of metals including lead, cadmium, chromium, beryllium and nickel
- Hazmat surveys including paint assessments (Ghost Wipes, lead sticks or paint chips)
- Surface dust & metals assessments using swabs (for mining, heavy industry, government and marine locations)
- Air contaminant sampling and exposure profiling
- Provision of biological monitoring advice data review, including interpretation & recommendations
- Provision of management plans & control recommendations (including engineering, PPE & administration) e.g. for metal concentrate processing
- Review, assessment and management of PFAS contamination
- Hazardous substance profiling, risk assessment and management plans, e.g. xanthates, mining concentrates & geochemical assays
- Expert witness





GEEKO
Environmental Monitoring & Sampling Services

OHMS ENVIRONMENT

Our Environment Division provides a wide range of environmental and safety services enabling our clients to achieve their operational and corporate objectives. Our team offers a high quality, safe and reliable service using knowledge and experience from a range of industries across Australia. We believe that balancing economic, social, and environmental outcomes is essential to creating sustainable solutions.

We provide skills and expertise in the following areas:

MANAGEMENT SYSTEMS

We develop and improve on your existing management systems, whether they be stand-alone or integrated, including:

- facilitating risk assessments
- conducting legal and other reviews
- building commitment registers
- developing relevant systems and operational procedures
- auditing and governance
- building tailored training programmes to ensure your systems are effective and sustainable

APPROVALS AND COMPLIANCE

We have experience in approvals and reporting including:

- mining proposals, works approvals and prescribed premise licencing
- native vegetation clearing permits
- water licences and permits
- annual environmental reports
- annual audit compliance reports
- national pollutant inventory
- national greenhouse and energy reporting
- sustainability report

AUDITING AND SITE ASSESSMENTS

We have experienced lead auditors with the expertise to conduct:

- inspections, investigations, and reviews
- internal and third-party auditing to assess system and operational effectiveness
- due diligence assessments

WATER AND AIR QUALITY MONITORING

Through our subsidiary, Gecko Environmental, we provide a wide range of environmental services including:

- design of programmes to satisfy legal and other requirements
- groundwater, surface water, potable water and air quality monitoring
- provision of trained technicians and consultants
- sampling in accordance with relevant Australian Standards
- data analysis and reporting (including regulatory reporting requirements)
- provision of calibrated sampling equipment
- short- and long-term equipment leasing

TRAINING

We can develop and deliver training for all your HSE requirements:

- inductions and onboarding requirements
- management systems
- training on HSE specific issues

TECHNICAL PROJECTS

We excel when it comes to putting a team together and working on bespoke projects. Because we use a team of specialists who have gained skills in planning and implementing projects across various industry sectors, we get involved in the following types of projects:

- air modelling
- contaminated site assessments
- baseline environmental & geotechnical assessments
- land acquisition due diligence
- closure planning and accounting
- slope stability assessments

OPERATIONAL AND PROJECT SECONDMENTS

We can also provide you with short to long term backfill requirements including:

- technicians
- environmental/HSE advisors
- senior environmental/HSE specialists



OHMS TRAINING

People in different roles need occupational hygiene knowledge and skills at different levels, these levels are described on the right, starting with just an awareness course and leading to tertiary qualifications. OHMS Training provides accredited training at the Foundation and Intermediate levels, at all other levels we can produce training as required, and tailor made. Our accredited courses are presented over the page. With Certified Occupational Hygienists as well as subject matter experts to provide training, it can be assured that only highly qualified staff present all the material.

TRAINERS

Dr. Elaine Lindars COH, DIRECTOR TECHNICAL SERVICES

Dr. Elaine Lindars is a Certified Occupational Hygienist (COH)[®] with over 30 years' experience in occupational, analytical and environmental chemistry. She has taught students for Royal Holloway College University of London, Curtin University, Edith Cowan University, the Australian Institute of Occupational Hygienists (AIOH) and Workplace Health Without Borders (WHWB).

Qualifications

- Ph.D. in Palaeontology & Geochemistry
- Post graduate in Occupational Hygiene
- B.Sc. (Hons) Environmental Chemistry
- Diploma of Business
- H.N.C. Chemistry

Paul Gerber COH, PRINCIPAL OCCUPATIONAL HYGIENIST, STATE MANAGER QLD/NT

Paul is a Certified Occupational Hygienist (COH)[®] and has over 20 years' experience in occupational hygiene and more than 15 years as an HSE manager/specialist in heavy industry, chemical processing plants and mining.

Qualifications

- M.Sc. in Occupational Safety Health and Environmental Management, University of Western Sydney
- Post Graduate Diploma in Occupational Hygiene, Deakin University
- Post Graduate Certificate in Industrial Hygiene Science, Deakin University

Simon Sharp COH, TECHNICAL TRAINING SPECIALIST

Simon is a Certified Occupational Hygienist (COH)[®] and a Registered Nurse. He has over 25 years' experience in occupational health and hygiene in heavy industry, mining, and processing facilities. He has taught students for the Australian Institute of Occupational Hygienists (AIOH).

Qualifications

- Post Graduate Certificate in Disaster Risk Reduction and Sustainability, University of Newcastle
- Post Graduate Certificate in Occupational Hygiene, Deakin University
- Post Graduate Certificate in Occupational Health and Safety Management, Curtin University
- Bachelor of Science in Nursing, Curtin University
- Certificate IV Training and Assessment

Awareness

Managers, supervisors, union representatives and employees need an awareness of health hazards and risks in the workplace and how they can be controlled to provide a safe working environment.

Foundation

Specialists in areas like health and safety, occupational medicine and nursing should understand the basic principles of occupational hygiene so that they can deal with simple problems and know when to call in a specialist. This can lead to an international qualification at the Foundation level.

Intermediate

Technicians and technologists working in occupational hygiene require the technical knowledge and hands-on, practical training at Intermediate level that will enable them to take measurements, assess exposure and check the effectiveness of control measures.

Academic

Specialists with responsibility for designing and delivering the occupational hygiene programmes in a workplace will need to study at the academic level. This will give them a deep understanding of the scientific basis of occupational hygiene as well as a high level of technical skills, and can lead to professional qualifications.

Leadership

Senior occupational hygienists operating at management levels within large organisations or in consultancies need to have leadership skills in addition to mastery of the technical and professional skills. They will need additional training in areas such as management, communication and finance.



OHMS TRAINING ACCREDITED COURSES

FOUNDATION LEVEL COURSES

W201: Basic Principles in Occupational Hygiene

This Basic Principles Course provides core knowledge for an individual to develop a career in occupational hygiene. It is also suitable for people who simply need a better understanding of occupational hygiene, such as doctors, nurses, safety professionals, engineers and managers. OHMS Training can run this course as an in-house/online programme for large companies or commercial organisations where a minimum booking for 10 people is required, and also online for public registration.

BOHS ASSESSMENT

IP402 : Surveying & Sampling Strategies for Asbestos in Buildings

The BOHS vision is to create a healthy working environment for everyone by preventing exposure to hazardous substances in the workplace. The BOHS is one of the leading awarding bodies in the occupational hygiene field. Their UK qualifications are recognised and respected by independent agencies such as the Health and Safety Executive (HSE) and the United Kingdom Accreditation Service (UKAS), and locally by the AIOH and FAMAZ. Over 50,000 people have taken one of the BOHS qualifications through the BOHS network of training providers, with the IP402 being recognised by local agencies and being requested as a pre-requisite for tender applications.

INTERMEDIATE LEVEL COURSES

You can work towards the International Certificate by studying the OHMS Training Intermediate Modules. These are 5-day taught courses that provide practical, hands-on training. Students are taught in small groups by our approved trainers and the courses are very interactive with workshops and exercises.

W501: Measurement of Hazardous Substances

Candidates will understand the techniques for assessing exposure to hazardous substances in workplace and how exposure information can be used to assess risk.

W502: Thermal Environment

Candidates will understand the effects of the thermal environment on people and learn to assess and control the risks associated with thermal stress.

W503: Noise Measurements and its Effects

Candidates will understand the nature of noise in the workplace and the effects of noise on people, and learn how to assess noise in the general environment and the significance of measurement data against compliance standards.

W504: Asbestos and Other Fibres

Candidates will have the ability to advise on all the various techniques for the management of asbestos in buildings in accordance with good practice.

W505: Control of Hazardous Substances

Candidates will recognise the impact that control measures may have on other workplace hazards and understand the need to take a holistic approach to the design of control solutions.

W506: Ergonomics Essentials

Candidates will be introduced to ergonomics (muscular skeletal disorders, manual handling, *etc.*) and learn to apply ergonomics in the design of work, equipment and the workplace including social and legal concerns.

W507: Health Effects of Hazardous Substances

Candidates will be introduced to toxicology, physiology and epidemiology and be able to identify chemical substances hazardous to health in their workplace and understand their harmful effects on target organs.





OHMS HAZMAT

Asbestos management is the legislative duty to ensure the risk of exposure to asbestos is reduced and OHMS Hazmat provides assistance in all facets of this.

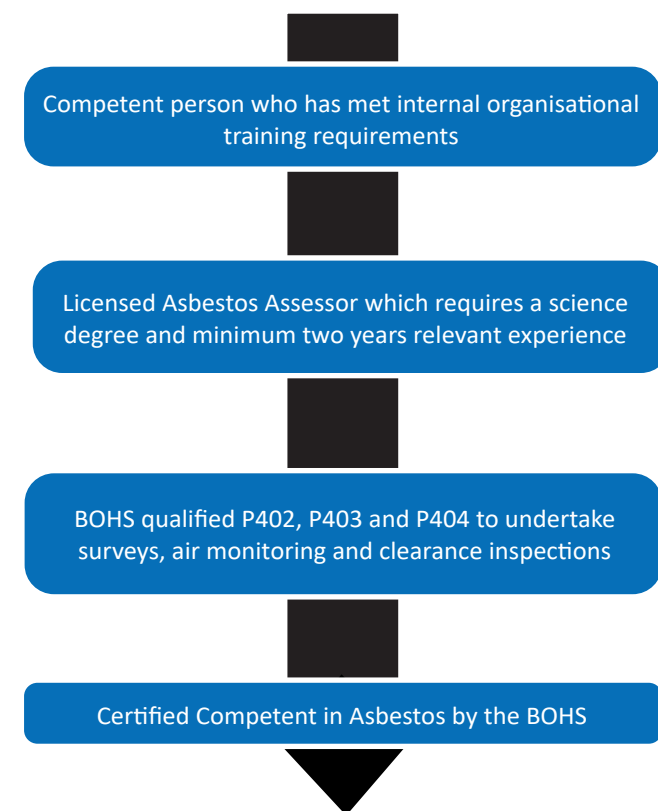
OHMS Hazmat uses a risk based approach to ensure our partners are equipped with both the knowledge and expertise to effectively manage the risk of exposure to asbestos and other hazardous materials.

In achieving this, we are committed to upholding strong environmental values and the provision of high quality science within a regulatory framework.

We pride ourselves in taking the time to understand our clients technical and commercial requirements to exceed industry best practice, offering a range of different services from asbestos surveying to sampling. OHMS Hazmat have developed a team of industry experts to provide our clients the satisfaction that, when engaging.

OHMS Hazmat team are certified in asbestos and the management of asbestos by having completed the BOHS training in asbestos relevant to their role.

The below graphic shows minimum requirements to undertake asbestos related work through to the pinnacle of experience which is the COCA, the Certificate of Competence Asbestos.



ASBESTOS SAMPLING

Asbestos can offer routine or emergency sampling of suspected asbestos containing materials and provide analysis services to clients who have concerns surrounding their asbestos information.

All sampling and analysis are conducted in accordance with relevant legislation and a NATA accredited asbestos fibre identification report will be provided.

Sampling results can be delivered to clients within a few hours of the collection of a suspect material in metro areas due to strong relationships with numerous NATA accredited laboratories. Timeframes for remote samples will be discussed with the client on an individual basis.

ASBESTOS AND LABORATORY

We have a NATA accredited OHMS Hygiene laboratory in NSW for counting of asbestos, mineral (including synthetic) and organic fibres.

ASBESTOS AWARENESS

Asbestos awareness is a valuable tool for managers, persons in control of a workplace, maintenance contractors, tradespeople and even home renovators or DIYers. OHMS Hazmat can provide the following training, tailored to meet your specific requirements.

- Awareness training
- Awareness courses

ASBESTOS FIBRE AIR MONITORING

OHMS Hazmat offers comprehensive asbestos fibre air monitoring and clearance inspection services to ensure that regulatory requirements are met along with client, project and health & safety standards. Our services include:

- asbestos fibre air monitoring
- air monitoring plans
- asbestos clearance inspections
- processing site based fibre counting remotely on a national scale

ASBESTOS AND NATURAL DISASTERS

Working with OHMS Hazmat can help you lessen the risk in terms of health and safety during natural disasters, which include:

- fires
- hailstorms & cyclones
- floods

ASBESTOS ACTIVITIES

OHMS Hazmat can help with the following problems you may have.

- Asbestos in dust, asbestos-containing dust or debris (ACD) is dust or debris that has settled within a workplace or home and has been identified, or assumed to be, contaminated with asbestos.
- Asbestos in imports, in recent years, asbestos has been identified in a range of imported plant, equipment and construction material. Common components at higher risk of containing asbestos include friction components and gaskets.
- Asbestos in soil, asbestos contamination in soil and contaminated sites are common occurrence in Australia. The contamination can be a result of poor remediation or demolition of structures, for example:
 - asbestos containing soil or asbestos in soil (ASBINS)
 - nature of asbestos contamination
 - asbestos contamination and remediation techniques

ASBESTOS MANAGEMENT

As stipulated by Australian acts and regulations, a person in control of the business unit, a person at a workplace who is an employer, main contractor, a self-employed person, or the person having control must ensure that the presence and location of asbestos within the workplace is identified.

The processes for identification and assessment of risks from asbestos must be conducted in strict accordance with state specific Codes of Practice.

OHMS Hazmat have expert consultants who can undertake detailed asbestos containing material (ACM) surveys to assist in meeting with these legislative requirements. This will aid the client in the management of asbestos across their portfolio.

OHMS Hazmat can develop a site-specific asbestos management plan (AMP) for the ongoing implementation of control measures in accordance with the hierarchy of controls.

LEAD AND OTHER HAZARDOUS MATERIAL

Lead can be located in a variety of circumstances including industrial applications on plant and infrastructure, decorative paint in both the external and internal of commercial and domestic properties.

ASBESTOS REMOVAL

Working with OHMS Hazmat can help you lessen the risk both from a commercial perspective and in terms of health and safety through advising on, and managing the following:

- the removal process
- technical scope of works
- tender analysis
- removal management
- project supervision
- control plan development & review
- smoke integrity test
- asbestos removal contractor audits

ASBESTOS SURVEYING

- Asbestos management surveys
- Asbestos refurbishment/ demolition survey
- Asbestos reinspection survey
- Asbestos registers
- Asbestos risk assessments

NATURALLY OCCURRING ASBESTOS

Numerous mining operations routinely impact and disturb NOA, and as such they need to be characterised, assessed and managed. Naturally occurring asbestos that may be encountered in Australia include:

- chrysotile
- crocidolite
- amosite
- actinolite
- anthophyllite
- tremolite

OHMS Hazmat can provide advice and management plans, and air monitoring to help assess and manage these occurrences across mining locations for our clients.





We aim to participate in the wider safety, hygiene and environmental community at large, acting as a mentor for those wishing to enter these industries and will be zealous in our endeavour for continued improvement within ourselves and the greater health and environmental communities.



REDOHMS
GROUP



OHMS
HYGIENE



OHMS
TRAINING



OHMS
ENVIRONMENT



OHMS
HAZMAT

OUR LOCATIONS

PERTH

13-15 Richardson Street,
West Perth, WA 6005

DARWIN

12/9 Aristos Place,
Winnellie, NT 0820

SYDNEY

1/209 Harris Street,
Pyrmont,
NSW 2009

KALGOORLIE

5/19 Porter Street
Kalgoorlie, WA 6430

BRISBANE

Unit 6, 20 Smallwood Place
Murarrie, QLD 4172

GOLD COAST

L13/50 Cavil Avenue,
Surfers Paradise, QLD 4217

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