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Tungsten

& MINING SCRAP

CAPABILITY STATEMENT

Specialists in Tungsten and mining scrap

0417 000 162 admin@wnicr.com tungstenandminingscrap.com.au

Head Office: 10 Jacquard Way, Port Kennedy WA 6172

Perth Yard: 10 Browning Road, Armadale WA 6112

Melbourne Yard: 50 Potter Street, Craigieburn VIC 3064

SPECIALISTS IN TUNGSTEN AND MINING SCRAP

Your scrap is our business

ABOUT US

Our story

Tungsten and Mining Scrap Pty Ltd is an established Australian scrap metal recycling Business, boasting 40 years of hands-on expertise in the scrap metal industry.

Originating in the land down under, Tungsten and Mining Scrap has forged a lasting reputation as a premier player within the realm of scrap metal recycling. This privately-owned enterprise was founded by David Russell, a visionary who recognised the potential to breathe new life into discarded materials.

Our core specialisation lies in the acquisition of a diverse array of metals and mining scrap. We extend our unwavering commitment to every individual, delivering steadfast and trustworthy service that has become synonymous with our name.

Tungsten and Mining Scrap thrives as a versatile entity, calling Perth its home base, while simultaneously expanding its footprint to encompass national and international horizons through export and import. With a commitment to sustainability, innovation, and customer satisfaction, we continue to evolve as a cornerstone of the scrap metal recycling arena.

Our vision

To be the leading provider of sustainable scrap metal solutions, delivering value to our customers and the environment.

Our mission

Our mission is to provide the highest quality scrap metal recycling services to our customers while maintaining a commitment to environmental sustainability and safety.

Scrap experts

Over 40 years of experience.

Best prices

Competitive pricing for scrap.

Handled with care

All safety and health protocols adhered to.

WHAT WE DO

Our services

Tungsten and Mining Scrap is a veteran in mining scrap metal recycling, specialising in diverse metals and offering versatile services.

Upfront payments

We offer upfront payments for containerised or bulk sized loads.

Purchasing Tungsten

Purchasing Tungsten based scrap from all over Australia and New Zealand.

XRF Analyzer Testing

We provide XRF Analysis Testing to determine the element composition of materials.

Trucks

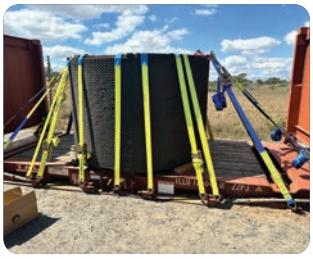
We can arrange semi-trucks and flat top trucks for loads that won't fit into our bins.

Radiation testing

Our team is certified to perform radiation testing on different metals.

Bins

We have a wide range of scrap bins available for hire, catering to various sizes.



Buy and sell

We facilitate local, national, and international buying and selling of scrap metal.

DIVERSE METALS AND MINING SCRAP

Our products

Our core specialisation lies in the acquisition of a diverse array of metals and scrap from mining companies, with a keen emphasis on Tungsten, Nickel Alloy, Tantalum, Manganese, Stainless Steel, Copper and Titanium.

Tungsten

Tungsten is a valuable material known for its exceptional hardness and durability. It is widely used in various applications such as the tips of drill bits, high-speed cutting tools, and mining machinery.

Nickel cobalt alloys & tantalum

Nickel cobalt alloys excel for their corrosion and heat resistance, and are used in aircraft gas turbines, steam turbine power plants, medical applications and nuclear power systems. Tantalum is used in sputtering targets, superalloys, capacitors, high-entropy alloys, carbide cutting tools, mill products, specialty chemicals, and medical equipment.

Ferrous metals

Ferrous metals are metals that are primarily composed of iron. They are known for their high strength, durability, and ability to withstand extreme temperatures, making them suitable for demanding environments. They are used in applications including drill rods, drill pipes (4140-4145), Hi-Chrome, Ni-Hard, Ni-Resist and structural steel.

Manganese

Manganese is used extensively in the production of various steel alloys. Manganese steel stands out for its exceptional hardness, strength, and resistance to wear and shock damage, and is therefore a preferred choice for crafting machinery and equipment across industries such as mining, railroad, and construction.

Stainless steel

Stainless steel is renowned for its exceptional corrosion resistance, making it a preferred choice in various applications, including food handling and cutlery manufacturing. Stainless steel comes in various grades and surface finishes, each tailored to specific environmental conditions and applications.

Copper

Copper is a highly recyclable material found in various forms around homes and work sites. Scrap copper can be found in the following forms: transformers, copper wire, copper cabling, copper tanks, copper plates/bars, and more.

Titanium

Titanium and titanium alloys are highly sought-after structural materials for their remarkable properties, including high strength, low density, and exceptional corrosion resistance. Their ability to withstand highly corrosive environments has made them indispensable in various non-aerospace industrial applications.

WE CAN HANDLE THE MOST SUBSTANTIAL LOADS

Bulk transport solutions

At Tungsten and Mining Scrap, we understand that mining operations entail handling very heavy loads that are difficult to transport. That's why we offer solutions that go beyond conventional offerings. When your loads exceed the confines of our bins, we come to the rescue with our specialised bulk transport solutions. Our fleet of semi-trucks and flat-top trucks are equipped to handle even the most substantial loads, and our cranes can lift up to 60 tonnes on-site.

Moreover, we uphold an ethical standard of transparency with all our clients. Every load we transport goes over a public weighbridge, ensuring there are no surprises and providing peace of mind regarding the accuracy of the weight of materials being transported. Trust Tungsten and Mining Scrap to handle your mining logistics needs with efficiency and reliability.

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SUSTAINABILITY AND SAFETY

Our commitment

Tungsten and Mining Scrap prides itself on helping our customers deliver and support their specific sustainability targets and environmental obligations through our highly efficient and ethical recycling practices and technologies.

Point-to-point recycling

Tungsten and Mining Scrap provides point-to-point life cycle recycling — this ensures not only the most sustainable practices being adopted, but also provides our clients with the most competitive commercial rates and payment terms.

Environmental — Complying to ISO 14001

Environmental standards in metal recycling:

- **Energy Efficiency:** Prioritise energy-efficient processes to reduce consumption and greenhouse gas emissions.
- **Emission Control:** Implement measures to reduce emissions of pollutants and protect air quality.
- **Waste Minimisation:** Minimise waste generation, maximise metal recovery, and manage waste responsibly.
- **Water Management:** Prevent water pollution through runoff and discharge control, including stormwater and wastewater.
- **Resource Conservation:** Efficiently recycle metals to reduce resource extraction and environmental impact, promoting sustainability.

Safety — Complying to ISO 45001

Key safety standards in metal recycling:

- **PPE:** Workers wear protective gear (e.g. helmets, gloves, safety glasses) to prevent injuries and exposure to hazards.
- **Equipment:** Maintain and inspect machinery, ensuring that safety features, emergency shut-offs and warnings are functional.
- **Material Handling:** Train workers in safe lifting, operate equipment (e.g. cranes, forklifts) safely, follow protocols.
- **Fire Prevention:** Install fire suppression, clear exits, and conduct fire drills to address flammable materials.
- **Hazardous Materials:** Handle, store, and dispose of hazardous materials (e.g. chemicals, batteries) per regulations, with spill response plans.

Adherence to these standards ensures a safer work environment, reducing accidents and protecting all stakeholders.

Quality Assurance — Complying with ISO9001

- **Material Inspection and Sorting:** Scrutinise and sort incoming materials to prevent contamination.
- **Process Control and Monitoring:** Implement strict controls and monitoring for quality and consistency.
- **Chemical Analysis and Testing:** Verify metal composition and purity to detect and address impurities.
- **Documentation:** Maintain accurate records for traceability and transparency.
- **Industry Compliance:** Adhere to industry-specific standards (e.g. ISO 9001, ISO 14001, 15001) for quality, safety, and environmental compliance.

These standards ensure high-quality recycled metals and responsible practices.

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