PROJECT DELIVERY PARTNER

PROJECT DELIVERY.

Hydraulic, pneumatic, lube and greasing systems, and the fluid transfer systems that connect them. Installed, flushed, tested, commissioned and handed over.

SURFACE & UG WORKS | FIXED & MOBILE PLANT | WORKSHOP FIT-OUTS | SATELLITE STATIONS & SERVICE BAYS | MATERIALS HANDLING | MINERALS PROCESSING

No matter the size of the project, we aim to deliver.

PREPARED FOR

EPCM, EPC and owner project teams

BASED IN

Wingfield, Adelaide, South Australia

WHAT WE DO

THE GAP WE CLOSE.

Fluid power is usually someone's second priority. The equipment supplier's scope ends at the skid. The SMP contractor isn't set up for hydraulics. Flushing, testing and commissioning get squeezed into the back end of the schedule, where there's no float left.

AHH exists for that gap. We install, flush, test, commission and hand over hydraulic, pneumatic, lube and greasing systems, and the fluid transfer in between, as our core trade, not as a line item on a broader mechanical package. And the clients who work with us tend to stay, across supply, upgrades, modifications and the maintenance that follows.

INDUSTRY EXPERIENCE

BUILT ON REAL PROJECT EXPERIENCE.

Experience built on brownfield and greenfield mining projects, where safety, schedule and operational readiness are critical.

- Surface and underground works
- Fixed and mobile plant
- Surface and UG workshop fit-outs
- Satellite stations and service bays
- Materials handling systems
- Minerals processing
- Hydraulic, pneumatic, lube, greasing and fluid transfer systems
- SMP packages alongside EPCM, OEM and owner teams
- Mechanical completion, pre-commissioning and commissioning
- Shutdown execution and sustaining capital works
- Hoisting, shafts and headframes

PROJECT EXPERIENCE

EXPERIENCE THAT TRAVELS TO SITE.

NEWMONT TANAMI | BHP PROMINENT HILL | NEWMONT CADIA | BHP OLYMPIC DAM (FOUNDER) | KANMANTOO

+ SURFACE & UG WORKS + MINERALS PROCESSING + FIXED & MOBILE PLANT + MATERIALS HANDLING + SA, NSW & NT

Installation, commissioning, shutdown execution and brownfield upgrades on major surface and underground projects.

SPECIALIST CAPABILITY

HEADFRAMES, SHAFTS AND WINDERS.

Hydraulic support from headframe and shaft sinking construction through to rope up, commissioning and production hoisting. Tightly sequenced, high-consequence work, where the hydraulics have to run all shift, every shift.

SHAFT SINKING

- Sinking stage and stage winch hydraulics
- Kibble winder hydraulic support
- Power packs, hose and tube on the stage
- Installation, maintenance and breakdowns

HEADFRAME CONSTRUCTION

- Hydraulic systems installed to IFC drawings
- Tube, hose and pipe runs through the headframe
- Flushing, pressure testing and ITRs
- Commissioning and handover

WINDERS & WINCHES

- Winder house HPUs
- Hydraulic brake and lube systems
- Winch and reeler drives
- SAT testing, commissioning and modifications

ROPE UP

- Guide, head and tail ropes
- Bridles, skips and conveyances
- In-headframe CLD (clamp lowering device) systems
- Reelers and winches run through the install

ROPE UP PROJECTS

PROVEN ON THE HEADFRAME.

BHP PROMINENT HILL, SA

PHOX EXPANSION, SKYSHAFT

Install of 8 guide ropes, head ropes, bridles, skips and tail ropes. Earlier scope: SAT testing, commissioning and modifications to the 30 t winch and 3 t reeler HPUs in preparation for rope up.

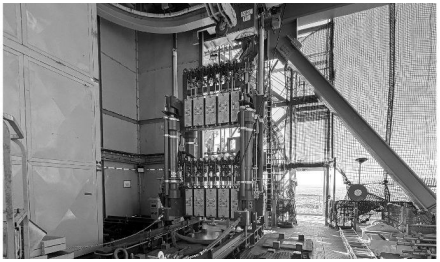
30 t winch | 8 x 3 t reelers | In-headframe CLD

NEWMONT TANAMI OPERATIONS, NT

TE2 EXPANSION

Headframe head ropes, tail ropes, bridles and skip install. Earlier scope: diagnosis, repair and preparation of the reeler hydraulic HPUs, plus a critical spares review.

8 x 2.5 t reelers | 2 x 5 t winches | Diesel hydraulic HPU | In-headframe CLD



IN-HEADFRAME CLD



HYDRAULIC REELERS & WINCHES



ROPE LAYDOWN FROM THE HEADFRAME

PROJECT REFERENCES

MORE PROJECT WORK.

NSW / NEWMONT CADIA VALLEY

PC1-2 CRUSHER AND ROCKBREAKER INSTALL

Hydraulic installation of the crusher and rockbreaker systems, with hose assemblies tested and certified to MDG41 / RS23.

SA / KANMANTOO (KANTRA COPPER)

FIXED PLANT AND MINING SUPPORT

Supply, install and commissioning of a replacement for an obsolete rockbreaker control valve. Fixed plant maintenance and component supply. Hydraulic support tramming a Komatsu MC51 continuous miner to pit bottom on external power.

SA / BHP OLYMPIC DAM

FOUNDER EXPERIENCE

Underground and surface fixed plant, hoisting rope changes, smelter and refinery. Maintenance, shutdowns, project execution and supervision.

AUSTRALIA-WIDE / MINING & INDUSTRIAL

SHUTDOWN SUPERVISION, LABOUR AND SUPPORT

Hydraulic and mechanical fitters and supervision for planned shutdowns and maintenance campaigns, plus general mechanical support for partner contractors.

Project and site references describe relevant personnel and project experience and do not imply endorsement by the asset owner.

CAPABILITY AT A GLANCE

AT A GLANCE.

2"
HOSE MADE AND CERTIFIED ON SITE

RS23
AND MDG41 HOSE CERTIFICATION

30 t
HYDRAULIC WINCH ROPE UP EXPERIENCE

15+
YEARS IN HYDRAULICS, 10+ YEARS FIFO

INDUSTRIES SUPPORTED

- Mining & resources
- Mineral processing
- Industrial & manufacturing
- Civil & quarrying
- Shafts, hoisting & winders
- Materials handling
- Fixed plant
- Truck & transport

If it's hydraulic, we can service it: power packs, lube systems, brake systems, mill and processing equipment. We understand harsh environments and supply materials built to last.

CORE SERVICES

WHAT WE DELIVER.

01

INSTALLATION

Hydraulic, pneumatic, lube and greasing systems, plus the tube, pipe and hose fluid transfer in between. Installed alongside EPCM, SMP, OEM and owner teams. Sensors, meters and monitoring supplied to suit.

02

COMMISSIONING & HANDOVER

Mechanical completion through to handover: flow, pressure and intensifier testing and accumulator charging with calibrated equipment.

03

CONTAMINATION CONTROL

Flushing, filtration and first fill planned from project start, with cleanliness checked live on site before handover.

04

ON-SITE HOSE & TESTING

Container workshop on site. Hose made to 2", tested and certified to RS23 / MDG41 without leaving site.

05

SHUTDOWN & MAINTENANCE

Hydraulic and mechanical fitters and supervision, provided or coordinated, scaled to the critical path.

06

WORKSHOP & ENGINEERING

Cylinder, pump, valve and HPU repairs, overhauls and custom builds in our Wingfield workshop, tested before they return to site.

COMPONENT SUPPLY

RIGHT PART. RIGHT APPLICATION.

We have access to all major hydraulic manufacturers and OEMs, nationally and internationally. We generally supply and install our own materials, so the risk of the wrong product for the application sits with us, not you. Material certifications are available for engineering sign-off.

WHAT WE SUPPLY

- Pumps, motors and valves
- Cylinders and power units
- Hose, fittings and tube
- Filtration and contamination control
- Lube and grease components
- Pneumatic and instrumentation
- Sensors, meters and monitoring
- Obsolete and hard-to-get parts

WHY SUPPLY AND INSTALL

- One point of accountability for product and workmanship
- Material certifications for engineering sign-off
- Specified to the application, not the catalogue
- No gap between what's ordered and what's fitted
- Sourced nationally and internationally
- Independent: not tied to a franchise or single brand
- Obsolete parts cross-referenced and replaced

MOBILE WORKSHOP

A TURNKEY FIELD WORKSHOP.

Our 20 ft container workshop brings the capability to site, not the other way around. Self-powered and ready to mobilise with pressure testing, hose testing, flushing and filtration rigs as the job needs.

THE BENEFIT

- Reduced downtime
- No off-site delays
- Faster commissioning
- On-site certification
- Single point of accountability

24V electrical system | Roof-mounted solar | 5 kW of 240V power | 2" hose crimper | Cut-off saw | RS23 / MDG41 testing | Flushing & filtration | Accumulator charging | Tube & pipe install | First fill & oil transfer

Wet hire only: supplied with AHH people who run it. Mine site compliant vehicle and trailer available.

SPECIALIST EQUIPMENT

CALIBRATED. CERTIFIED. SITE-READY.

DIAGNOSTICS

- Webtec DHM 400 L/min digital flow meter
- Stauff PPC-Pad data logger (CAN)
- 600 bar digital pressure gauge
- Stauff Test 20 test points and hoses
- Pressure transducers to 400 bar

COMMISSIONING

- NATA-calibrated pressure intensifier
- NATA-calibrated hose burst tester to 2"
- Accumulator charge kit with nitrogen regulator
- Oil transfer equipment

CONTAMINATION CONTROL

- Laspac portable particle counter
- Flushing and filtration rigs
- Live on-site oil sampling

TUBE & PIPEWORK

- 37 degree flaring 1/4" to 1 1/2"
- Roll flaring to 4", non-welded
- Walform for metric seamless tube
- Bending to 2" on site, 4" in workshop

CORE CAPABILITY

CONTAMINATION CONTROL.

Fluid cleanliness drives reliability and asset life. We treat it as a core capability: planned from the start and verified on site, not chased at commissioning.

Checked live, on site. We sample with a Laspac portable particle counter, so we know the oil is clean before handover, not after.

- System flushing
- High velocity flushing
- First fill management
- Filtration
- Oil transfer
- Live particle counting
- Oil sampling
- Water removal
- Flushing records
- Commissioning support

BEYOND THE TOOLS

BRIDGING THE GAP TO SITE.

MODEL 01

TURNKEY SUPPLY COORDINATION

For scope beyond our own tools, we draw on a wide network of vendors and supply partners, so the owner or EPCM deals with one point of contact.

- Only partners who hold the same standard we do
- Specified to the application, not a fixed supplier list
- Sensors, meters and monitoring equipment supplied to suit
- Scales from a single component to a full package

MODEL 02

SITE SUPPORT FROM ADELAIDE

Our Wingfield workshop is also our staging base, built on what 10+ years of FIFO taught us about what a site needs before the delay hits.

- Urgent hot-shot freight direct to site
- Pre-site works packaged and tested before dispatch
- Materials from multiple suppliers consolidated into one shipment

DELIVERY MODEL

SCOPE TO HANDOVER.

01

SCOPE & CONSTRUCTABILITY REVIEW

IFC drawings, specifications, ITPs and site standards reviewed before mobilisation.

02

PROCUREMENT & EXPEDITING

Long-lead items, fabrication and specialist vendors managed to schedule.

03

CONSTRUCTION & INSTALLATION

Installed to IFC drawings and ITPs, with contamination control throughout.

04

PRE-COMMISSIONING & COMMISSIONING

Flushing, particle counts, pressure and flow testing, ITRs signed off.

05

MECHANICAL COMPLETION & HANDOVER

Punchlist close-out and QA/QC handover dossier: test certificates, material certs, flushing records.

06

OPERATIONAL READINESS & SUSTAINING

Shutdowns, brownfield modifications, upgrades and ongoing support.

SCALABLE PROJECT SUPPORT

RESOURCING THAT SCALES TO THE JOB.

WE PROVIDE OR COORDINATE

- **Hydraulic fitters**
- **Mechanical fitters**
- **Commissioning technicians**
- **Supervisors**
- **Shutdown crews**
- **Rope up and shaft crews**

AVAILABLE FOR

- Shutdowns
- Construction
- Commissioning
- Shaft rope up and skip installs
- Maintenance campaigns

WHY ADELAIDE

BUILT ON FIFO STANDARDS, BROUGHT HOME.

EARNED, NOT ASSUMED

Founded by John Stephens, a trade-qualified Mechanical Fitter with 15+ years in hydraulics and over a decade FIFO on major sites, including extensive experience at BHP Olympic Dam.

BUSINESS OWNER

John has started, grown and sold a hydraulics business before. AHH is built on that experience, and the people who own the business back every job.

THE WINGFIELD BASE

Our Wingfield workshop is the staging point for local, remote and outback work, with a drive-through bay, clean diagnostics area, fabrication and a trade counter.

OUR POSITION

INDEPENDENT BY DESIGN.

SOUTH AUSTRALIAN
OWNED & OPERATED

Much of this industry runs through corporate and private equity-owned networks, built to hit margin targets, not site productivity. AHH is South Australian owned and operated. The people who own this business are the people backing your job.

We're not tied to a franchise or a single product line. We source from a wide range of vendors, with access to all major hydraulic manufacturers and OEMs nationally and internationally, and we only supply components, and work with partners, that we stand behind.

That independence lets us spec what genuinely suits the application and coordinate supply on your behalf, without a conflict of interest.

SAFETY & QUALITY

HELD TO THE STANDARD.

Safety and quality aren't a policy on a shelf. They're how the work gets done. AHH operates documented QHSE systems covering quality, health and safety, and the environment, applied on every job and aligned to each site's requirements.

QUALITY

Work delivered to a consistent, documented standard. QC packages supplied as required.

HEALTH & SAFETY

Everyone home safe. SWMS, JSAs and risk assessments drive how we plan and execute.

ENVIRONMENT

Contamination control and responsible handling of oils and lubricants built into the method.

SITE REQUIREMENTS

Aligned to the hydraulic, engineering and HSE standards of each site.

FULLY INSURED **Public liability** **Professional indemnity** **Motor vehicle**

Certificates of currency available on request.

SITE MOBILISATION

READY TO INDUCT. READY TO WORK.

CREW TICKETS

- ✓ Trade-qualified personnel
- ✓ HR licence
- ✓ Forklift licence
- ✓ Working at heights
- ✓ Confined space
- ✓ White card

INSURED

- ✓ Public liability
- ✓ Professional indemnity
- ✓ Motor vehicle
- ✓ Certificates of currency on request

SYSTEMS & GEAR

- ✓ Documented QHSE systems
- ✓ SWMS, JSAs and risk assessments
- ✓ QC packages as required
- ✓ NATA-calibrated test equipment
- ✓ Non-welded tube connections (no hot work)
- ✓ Mine site compliant vehicle and trailer

AVAILABILITY Subject to other works. We can often mobilise quickly and work in with your requirements.

WHY AUSTRALIAN HOSE & HYDRAULICS

BUILT FOR THE LIFE OF THE ASSET.

WE KEEP THE JOB

Clients who work with AHH come back, across supply, upgrades, modifications and the support that follows.

HYDRAULICS IS THE WHOLE TRADE

Our core scope, not a sideline of a mechanical or piping contract where fluid power gets the least attention.

PROVEN ON SHAFTS AND FIXED PLANT

Rope up and skip installs at Tanami and Prominent Hill. Crusher installs at Cadia. Fixed plant at Kanmantoo, backed by the founder's years at Olympic Dam.

CLEAN, TESTED, DOCUMENTED

Live particle counts, calibrated testing and RS23 / MDG41 certification on site, with a QC package when you need one.

SUPPLY → **INSTALL** → **MAINTAIN** → **UPGRADE**

LET'S WORK TOGETHER

LET'S BUILD A LONG-TERM PARTNERSHIP.

OUR MISSION

Hire the best, train the best, retain the best, and earn our reputation as the best. The best outcomes are achieved together. Through great people, strong partnerships and continuous improvement, we help clients deliver safer, more reliable and production-ready systems.

PROJECT DELIVERY PARTNER

No matter the size of the project, we aim to deliver.

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