PROJECT DELIVERY PARTNER

SHUTDOWN SUPPORT. SPECIALIST LABOUR.

Specialist hydraulic and mechanical crews for mine site and industrial maintenance teams. We take the hydraulic scope off your plate and put hands on the tools wherever else you need them. One point of call. One contact. Problem solved.

SHUTDOWNS & CAMPAIGNS | BREAKDOWN SUPPORT | SHAFTS & HOISTING | TESTING & CERTIFICATION | WORKSHOP SUPPORT

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

PREPARED FOR

Site maintenance, shutdown and reliability teams

BASED IN

Wingfield, Adelaide, South Australia

HOW WE WORK

ONE POINT OF CALL. ONE CONTACT. PROBLEM SOLVED.

When a hydraulic scope lands mid-shutdown, the usual answer is another vendor, another induction, another set of paperwork and a wait on availability.

We're the call that closes it out. Specialist hydraulic capability, general mechanical hands and our own gear through the gate, managed by one point of contact who answers the phone and owns the outcome. We work to your plan, your permits and your people.

BUILT FOR SITE MAINTENANCE TEAMS

WHAT WE TAKE OFF YOUR PLATE.

PLANNED WORK: SHUTDOWNS & CAMPAIGNS

- Planned shutdowns and maintenance campaigns
- Fixed plant and mobile plant hydraulics
- Hoisting, winders and shaft hydraulics
- Lube rooms and lube systems
- Crushing and screening plant maintenance
- Supervision and crews scaled to the job

UNPLANNED & RELIABILITY: WHEN IT GOES WRONG

- Breakdown response for our regular sites
- Fault finding with logged data, not guesswork
- Modifications and reliability improvements
- Component overhaul and supply
- Our own test gear and container workshop

SPECIALIST AND GENERAL

SPECIALIST WHEN YOU NEED IT. HANDS ON WHEN YOU DON'T.

Most sites want a specialist for the hard scope and a reliable pair of hands for everything else. We do both, and we don't get precious about which one we turn up for.

THE SPECIALIST SCOPE

- Hydraulic fault finding and repair
- Component change-out and rehoses
- Hose, fittings and on-site tube work
- Flow, pressure and RS23 / MDG41 testing
- Winder, reeler and winch HPUs
- Lube and grease systems

THE REST OF IT

- Liner changes
- SMP mechanical works
- General mechanical fitting
- Shutdown labour
- Structural, guarding and site support tasks

If the crew is short and the job needs a body on the tools, that's a call worth making. We'd rather be useful than idle.



WHAT WE DELIVER

SCOPES WE COVER.

01 **BREAKDOWN RESPONSE**
Call-out for unplanned mechanical and hydraulic failures, for our regular sites.

02 **SHUTDOWN & MAINTENANCE**
Specialist hydraulic and mechanical labour scaled to the critical path.

03 **SHUTDOWN SUPERVISION**
Supervisors who plan, run and close out the hydraulic scope safely.

04 **COMPONENT CHANGE-OUT**
Pumps, motors, valves and cylinders removed, replaced and function tested.

05 **MACHINE & PLANT REHOSES**
Full rehoses scoped and staged to keep downtime short.

06 **HYDRAULIC TUBE WORK**
Non-welded flared connections to 4" and Walform. No hot work, no weld NDT.

07 **HOSE & FITTINGS**
Hose made on site to 2", to spec, with no wait on a workshop.

08 **TESTING & CERTIFICATION**
Flow, pressure, accumulator, particle count and RS23 / MDG41 hose testing.

09 **LUBE & GREASE SYSTEMS**
Auto lube and lube systems on fixed and mobile plant: install, service, fault find.

10 **COMPONENT SUPPLY**
Independent, so we source across a wide vendor network to suit the application.

QUARRIES & LOCAL MINING

CRUSHING, SCREENING AND THE PLANT BEHIND IT.

Planned maintenance and breakdown support for quarries and local mines across South Australia. We look after the hydraulics, lube and components that keep crushing and screening plant producing, on site or through our Wingfield workshop.

CRUSHERS

- Tramp release and clearing hydraulics
- Setting adjustment hydraulics
- Crusher lube, oil and filtration systems
- Rockbreakers and control valves

SCREENING & MOBILE PLANT

- Mobile crushing and screening plant hydraulics
- Drive motors, pumps and valves
- Hose replacement and full rehoses
- Auto grease systems

WORKSHOP & INDUSTRIAL

- Cylinder, pump, motor and valve rebuilds at Wingfield
- Power packs and industrial equipment
- Planned shutdowns around production
- Component sourcing and supply

Recent local work: obsolete rockbreaker control valve replaced, installed and commissioned at Kanmantoo.

SPECIALIST CAPABILITY

SHAFTS, HOISTING AND ROPE UP.

Rope up and skip installs are tightly sequenced, high-consequence work, and the hydraulics have to run all shift, every shift. We SAT test, commission and modify reeler and winch power packs, then run them through the install with in-headframe CLD (clamp lowering device) systems. Winder house HPUs, hydraulic brake and lube systems, and shaft sinking and headframe construction hydraulics covered too.

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 winch and reeler HPUs.

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

NEWMONT TANAMI OPERATIONS, NT

TE2 EXPANSION

Headframe head ropes, tail ropes, bridles and skip install. Earlier scope: reeler HPU diagnosis, repair, preparation and critical spares.

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

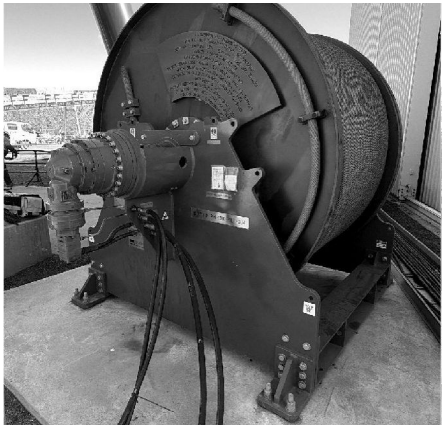
SHAFT ROPE UP

ON THE HEADFRAME.



IN-HEADFRAME CLD

Clamp lowering device set up for the rope and skip install.



HYDRAULIC REELERS & WINCHES

Hydraulic drives hosed, tested and run through the install.



ROPE LAYDOWN

Rope reels staged below the headframe, ready to pull.

MOBILE & MINE-READY

TOOLS TO SITE, NOT THE OTHER WAY.

A mine site compliant field service vehicle and trailer, plus our 20 ft container workshop: 24V electrical system, roof-mounted solar, 5 kW of 240V power, 2" hose crimper and cut-off saw. Mobilised with pressure testing, hose testing, flushing and filtration rigs as the job needs.

2"
HOSE MADE ON SITE

4"
NON-WELDED FLARED TUBE CONNECTIONS

400
L/MIN FLOW TESTING

RS23
AND MDG41 HOSE CERTIFICATION

LATEST TOOLING

- 37 degree and roll flaring to 4", non-welded
- Walform for metric seamless tube
- Stauff PPC-Pad CAN data logging
- Webtec digital flow meter to 400 L/min
- NATA-calibrated hose burst tester
- NATA-calibrated pressure intensifier

Container and equipment supplied on wet hire only, with AHH people who run it.

RECENT WORK

TUBE, HOSE & COMPONENTS.



TUBE WORK

Bent, formed, clamped and terminated on site.



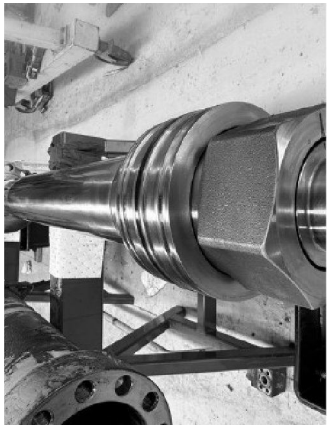
HOSE & REHOSE

Assemblies to spec, up to full machine rehose.



HPU HOSE UP

Hosed, routed and tested to handover.



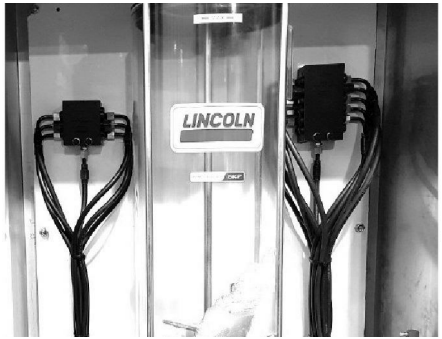
COMPONENT REBUILD

Cylinders, pumps and motors through our workshop.

AUTO LUBE & AGS

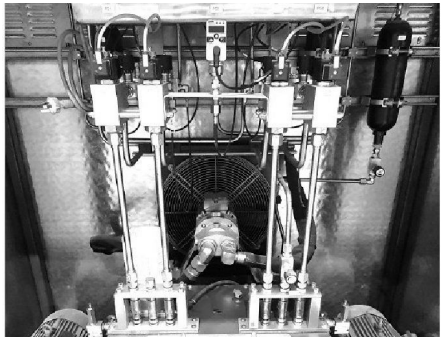
GREASE THAT REACHES THE PIN.

Complete systems installed, commissioned, serviced and fault-found on fixed plant, lube rooms and mobile equipment. Ask about a scheduled service agreement.



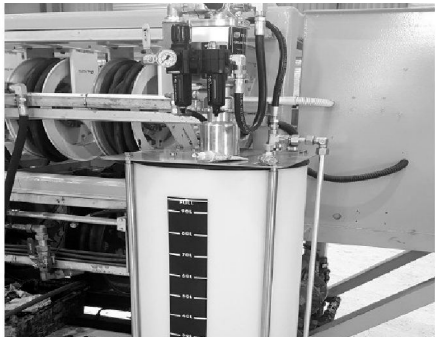
AUTO LUBE UNITS

Pumps, divider blocks and line runs.



LUBE SKIDS & HPUS

Fixed plant lube systems and reticulation.



GREASE TRANSFER & FILL

Bulk fill systems and service bodies.

TESTING & CERTIFICATION

PROVE IT ON SITE. CERTIFY IT ON SITE.

Calibrated test equipment travels with us, so condition is verified and documented before handover, not argued about after it.

FLOW TESTING TO 400 L/MIN

Webtec digital flow meter. Pump and motor condition measured, not guessed.

PRESSURE TESTING

Digital testing to 600 bar across circuits and relief settings.

DATA LOGGING

Stauff PPC-Pad CAN data logger. Multi-channel pressure and temperature logging for intermittent faults.

HOSE TESTING TO RS23 / MDG41

NATA-calibrated burst tester. Assemblies certified before they leave.

ACCUMULATOR CHARGING

Charged and verified to spec on site with a nitrogen charge kit.

OIL CLEANLINESS

Live particle counts with a Laspac portable particle counter.

QC package supplied as required: test reports referenced to the asset and circuit tested.

AUSTRALIAN HOSE & HYDRAULICS

BEYOND THE FIELD

WHAT COMES OFF THE MACHINE, WE FIX.

Change-out on site, repair in our Wingfield workshop. Components removed during a shutdown go through overhaul, not straight to a replacement quote.

CYLINDERS

Reseal, rod repair, new chrome rod, pressure test.

PUMPS & MOTORS

Repair, replace and flow test to verify condition.

HYDRAULIC POWER UNITS

Overhaul, rebuild and recommission.

VALVES & MANIFOLDS

Service, reseal and function test. Obsolete valves replaced and commissioned.



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

TYPICAL PROJECT APPLICATIONS

WHERE FIELD SERVICE MEETS THE JOB.

MINING & RESOURCES | QUARRIES & LOCAL MINES | CRUSHING & SCREENING | SHAFTS, HOISTING & WINDERS | MINERAL PROCESSING | MATERIALS HANDLING | CIVIL & EARTHMOVING | INDUSTRIAL MANUFACTURING

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.

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.

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.

EMAIL enquiries@ahhydraulics.com.au

WEB ahhydraulics.com.au

WORKSHOP 54 Cormack Road, Wingfield SA 5013

ABN 67 637 207 065

SOCIAL @ahhydraulics