

A-track

HOSE MANAGEMENT

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Abdex

FLUID TRANSFER TECHNOLOGY

WWW.ABDEX.COM

HOSE MANAGEMENT

Hose management not only ensures your operation will continue to run smoothly, but will also eliminate any potential safety or environmental issues, and reduce downtime to keep your productivity levels high.

Ensuring the safe and reliable operation of your hose assemblies and hoses is **essential**.

Abdex can provide a **hose management program to suit your business**.

Depending on the level of support needed, Abdex specialises in the **quick turnaround** and **inspection** of hose assemblies.

Part of this service includes:

- Hose Registers, including asset and testing data.
- Hose database, a login so that you can see your data at any time.
- Hose tagging, including digital etching, stainless steel tags and HF / UHF Micro Chips
- Hose Inspection / Testing, is your asset fit for service?
- On site testing, we can travel anywhere, complete with equipment.

We have experience providing bespoke services to clients from all types of industries.

Abdex offers a comprehensive hose assembly **inspection and testing service** including:

- External Inspection
- Internal Boroscope Inspection
- High Pressure Testing
- Recertification

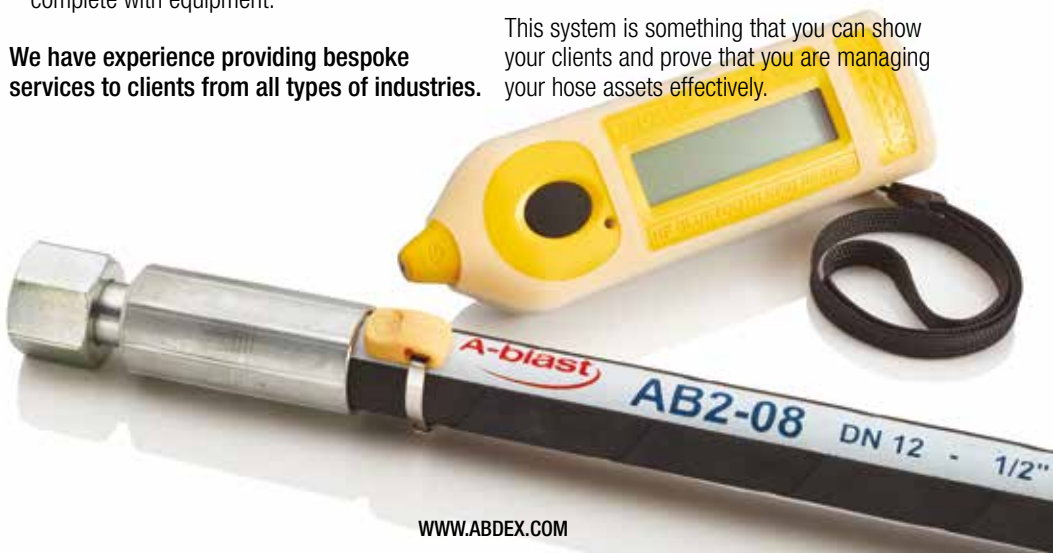
Testing and inspection is in line with manufacture recommendations, applicable industry standards, such as API 16C, API 7K, API 17K or customers' own specific requirements. We can do this at our location or mobilise to your own.

HOW DOES HOSE MANAGEMENT HELP YOU?

Abdex work to Australian and International standards as well as manufacturing guidelines.

For peace of mind we can provide inspection sheets and provide evidence of damage, while also providing quotations on repair and replacement.

This system is something that you can show your clients and prove that you are managing your hose assets effectively.



ASSET TAGGING & SOFTWARE

DON'T RISK YOUR ASSETS, MANAGE THEM!



WHY USE A-TRACK

- Easy to use software giving transparent overview to all assets.
- Immediate online test data / certificates are available realtime or within minutes of the test being carried out at Abdex.
- Detailed information and reports on every asset allowing fast identification and replacement when necessary.
- Manage and plan inspections with automated reminders which are set according to the asset lifecycle.

CHIPS, TAGS AND LABELS

- Easy to read etched tags and PVC labels - proven against abrasion.
- State of the art HF and UHF chips.
- Duraband low profile micro-chips 1/2" to 24" diameter - Low profile and proven in the harshest applications.
- A-Track unique assets - Every asset is different and all asset information is backed up and stored on the software.



HOSE DATA AND MAINTENANCE

- Full asset / hose assembly data is recorded at point of supply / manufacture and during maintenance surveys.
- Easy to read dash board showing summary reports of the asset specification, planned maintenance schedules with any attached documentation as required.
- Planned maintenance schedules can be set up, monitored and changed accordingly.
- Free mobile app to allow customers to identify and view all of their asset / hose information straight to your phone or pad.
- Bluetooth easy readers IP67 - Value for money and fast set up with no drivers, software or programming.
- Offshore and mining approved hand held IP64 reads - Designed, manufactured and proven to work in the toughest environments.

STRESS-FREE SAVING

- **Scan it!** Scan the barcode of any tag and quickly find your record in the Abdex database.
- **Order it!** With exact replacement details provided Abdex will arrange delivery of replacement parts.
- **Get it!** Abdex gives the operator peace of mind to keep production running.
- **Manage it!** Full transparency and datalogs can be easily managed and kept up to date.

A-TRACK TECHNOLOGY

The Abdex A-Track system gives you an instant overview of all assemblies and assets. Whether they are in one place or in multiple locations.

The web-based inventory management program is designed to organise your assets, but also help your peace of mind.

With A-Track you can see:

- Current status of your assemblies.
- How old they are.
- Where they are.
- When they are due for re-test.

All at the click of a button!

A-Track makes it easy for you to schedule maintenance, order timely replacements and ensure trouble free operations. Any technology with a Bluetooth connection can scan your assets on site.

The A-Track system has a reporting function to allow the information and registers, to be downloaded into various formats including PDF's and Excel spreadsheets.

The system can be set to remind you of re-test intervals, provide copies of certificates and general asset information.

Our system can talk to yours!

We have the ability to manage providing data in a way your ERP recognises.

- Risk based inspection data can be calculated to provide the appropriate tools for the Integrity Management process.
- Hose locations and functions can be described and grouped to allow the appropriate reporting and analysis.
- Data quality can be ensured through validation at the input stage, and human error reduced through the same software controlling our test benches and inspections.
- Flexibility to allow customisation of the online service to meet specific customer needs.
- Ability to create a Hose Register which contains the most up-to-date information on each asset.

This is web based and can be accessed at any time.

The database can be accessed by login, and access controlled if required.

We can help make hose data available and transferable to your software. Whether it is matching other asset management programs or ERP systems.



Scan the chip or **enter the serial number** and quickly find your record in the Abdex database. Is it in date? See our Green – Go / Red – NoGO System.

Serial #	Asset #	Owner	Location	Next Cert. Date	Category
ABV0003	ABV0003	Abdex Australia	ABDEX VIC	2016-03-01	Thermoplastic Waterblast
ABV0001	ABV0001	Abdex Australia	ABDEX VIC	2016-03-29	Thermoplastic Waterblast
ABV0002	ABV0002	Abdex Australia	ABDEX VIC	2016-03-22	Thermoplastic Waterblast

BESPOKE APPLICATIONS



	DURABAND MICRO UHF SR	DURADISC UHF SR	DURAPLUG 9.5
Functionality			
RF Protocol	EPC Class 1 Gen 2; ISO 18000-6C	EPC Class 1 Gen 2; ISO 18000-6C	EPC Class 1 Gen 2; ISO 18000-6C
Operating Frequency	UHF - 860 to 960 MHz; Short-range	Short-range	UHF - (NA): 902 to 928 MHz (EU): 866 to 868 MHz
Memory Configuration	96-Bit EPC; 32-Bit User Memory; 48-Bit TID	96-Bit EPC; 32-Bit User Memory; 48-Bit TID	24 Character UID, 896 bits User Memory
R/W Capability	Read / Write	Read / Write	Read / Write
Performance			
Read Range	Up to 8-12"	Proximity (varies with reader)	Up to 18" (results may vary)
Quality Guarantee	100%	100%	100%
Orientation	Front Face Read	Front Face Read	Front Face Read
IP Rating	IP68	IP68	IP68
Physical			
Material	PC / PBT Alloy	PC / PBT	PEEK + GF30%
Mounting	Band 0.31" x 0.050" max; 0.125" Dia Wire Rope max	Supplied with or without adhesive tape / pull tab	Injection Tool Required
Color	Custom Logo and Colors Available	Custom Logo available	N/A
Operations			
Max Temperature Exposure	260°F / 125°C	260°F / 125°C	390°F / 200°C
Max Temperature Exposure	-40°F / -40°C	-40°F / -40°C	-40°F / -40°C
Continuous Max Service Temperature	260°F / 125°C	260°F / 125°C	390°F / 200°C
Continuous Max Service Temperature	-40°F / -40°C	-40°F / -40°C	-40°F / -40°C
Water and Ice Proof	Yes	Yes	Yes
Drilling Fluids	N/A	N/A	Yes
Dimensions			
Weight	1.4g / 0.05 oz	0.9g / 0.03 oz	0.27g / 0.01 oz
Dimensions	0.06" x 0.41"	0.59" x 0.62"	Diameter 0.374" (9.5mm)
Thickness	0.34"	0.22" with adhesive 0.185" w/out adhesive	0.169" (4.3mm)



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