Eliminate Drug and Alcohol Abuse at your Workplace with Pathtech



Pathtech Workplace Drug and Alcohol Detection Range

January 2023



Up to 15%

of workplace injuries worldwide are attributable to drug and alcohol use



Around 60%

of individuals who consume drugs and alcohol at harmful levels are in full time employment



Alcohol and other drugs cost Australian workplaces an estimated

\$6 billion

per year in lost productivity



Half of Australian workers drink at harmful levels.

13% use cannabis

4% use amphetamines



1 in 10

workers says they have experienced the negative effects associated with a co-worker's misuse of alcohol



^{1.} Australian Drug Foundation. Drug Info- Alcohol and Drugs in the Workplace.

Under the duty of care provisions in the OH&S Act, Employers must provide a safe workplace for their employees. One of the most effective ways that employers can deal with potential drug and alcohol abuse and protect their employees is to develop and implement a workplace drug and alcohol policy.

Pathtech can help

Pathtech empowers employers to identify and eliminate the use of drugs and alcohol in the workplace by offering the very best detection devices available in the market.

This includes Australia's number 1 selling saliva screening device, the Securetec DrugWipe®, which Pathtech supply to the Australian Police jurisdiction for random roadside drug screening ("Drug Buses"). Our expansive and high quality range also includes the Securetec Surface Testing DrugWipes, the Securetec WipeAlyser, Intoximeter Breathalysers and Urine Test

Our devices can be used as part of an internal "in-house" testing program, or alternatively, provided for use by an existing testing provider.

The Pathtech Team will work closely with you to identify which device best suits your requirements. Our team of dedicated experts will assess your business and make a considered and informed recommendation. We then provide detailed product training, and continued after sales support.

With existing clients that include government departments, mining, manufacturing, building, construction and customs, you can be confident in Pathtech's experience and dedication to providing the very best devices to create safe, drug and alcohol free workplaces.

^{2.} Guidelines for Drugs, Alcohol and The Workplace. WorkCover Corporation of South Australia.

The Pathtech Device Range

Pathtech are able to supply saliva or urine based drug detection screening devices and breath alcohol breathalysers. Each device has unique benefits, which are featured in the table below:

Method	Collection	Device	Detection Time	Drugs / Alcohol Detected	Key Benefits	
Saliva	Involves collection of a sample of saliva from inside the mouth using a swab or similar	Securetec DrugWipe (page 6)	5-8 minutes	Amphetamines / Methamphetamines, Cannabis (THC), Cocaine, Opiates,	As used by the Australian Police for roadside drug screening	
				Benzodiazepines (6S only) and Ketamine (6S Ketamine only)	Requires only a small amount of saliva (wipe down tongue)	
					> Ease of sample collection	
					• Overall reliability greater than 95%	
					Ability to detect even small doses of cannabis	
					 WipeAlyser device also available to analyze results from DrugWipe 	
Urine	Involves the employee producing a urine sample into a sterile tamper proof container	Urine Test Cups (page 8)	2 minutes	Amphetamines / Methamphetamines,	> Simple and easy to use. Single step	
				Cannabis (THC), Cocaine, Opiates or Morphine & Benzodiazepines	 Build in specimen validity test to defeat specimen adulteration 	
				14 panel cup: Cannabis (THC), Cocaine, Amphetamine, Methamphetamine, Benzodiazepines, Buprenorphine, Methadone, Oxycodone, Phencyclidine, Morphine, Ecstasy, Ketamine, K2 Synthetic Cannabinoid and Fentanyl		
Breath	Involves the employee exhaling into a usually hand held breathalyser	Alcolizer Breathalysers (page 12)	Less than 1 minute	Alcohol	Australian Made	
					Light and ergonomic	
					Certified to Australian Standards AS3547-2019	
Surface	Involves using a swab to wipe a surface	Securetec DrugWipe (page 9)	8 minutes	Amphetamines / Methamphetamines, Cannabis (THC), Cocaine & Opiates	> Trace detection on all surfaces	

The Pathtech Drug Detection Team will work closely with you to determine the very best detection device or devices based on the requirements of your workplace.

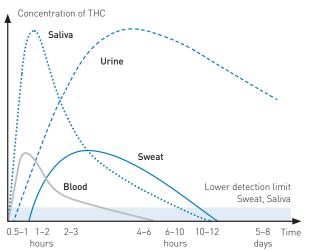
Saliva versus Urine? Which is best for your Workplace?

	Saliva	Urine		
Drugs that can be detected	Amphetamines / Methamphetamines, Cannabis (THC), Cocaine, Opiates & 6S only Benzodiazepines	Cannabis (THC), Cocaine, Amphetamine, Methamphetamine, Benzodiazepines, Buprenorphine, Methadone, Oxycodone, Phencyclidine, Morphine, Ecstasy, Ketamine, K2 Synthetic Cannabinoid and Fentanyl		
Detection time-frames	▶ Detects recent drug use – up to 24 hours	Detects drugs taken in the last 1–5 days		
	Provides a result in 8 minutes	▶ Provides results in 1–2minutes		
Testing procedure	 Requires a wipe down the tongue – only small volume of saliva is required 	 Involves the employee producing a urine sample into a sterile tamper proof container 		
	Least invasive test method			
Ease of sample collection	Samples are easily collected. Very little chance of sample adulteration	 As per Australian Standards – sample collection must be witnessed 		
Applications	 Random, reasonable cause, post accident and post rehabilitation testing 	 Pre employment, random, reasonable cause, post incident and post rehabilitation testing 		
	Provides an indication of recent drug use or whether "fit for work"	Provides a history of drug use		

Testing Methods:

Time windows for detection of Cannabis / THC

Subject to the moment of testing after the consumption



Test results	0.5-1 hrs	1-2 hrs	2-3 hrs	4-6 hrs	6-10 hrs	10-12 hrs	5–8 days
Saliva	①	①	①	①			
Sweat	0	①	①	①	①	•	0
Urine	0	①	①	+	+	+	•
Blood	+	①	①	0	0	0	0

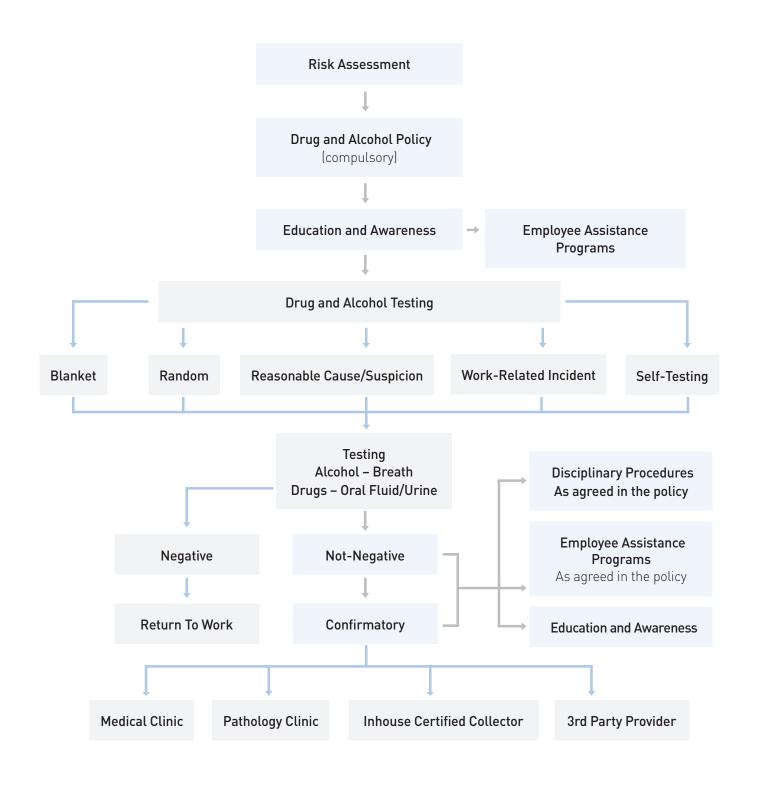
These results are guidelines which can vary depending on individual constitution, quality, frequency and intensity of consumption.

Drug Class	Saliva	Urine
Methamphetamines/Amphetamines Ice, Ecstasy, Speed, MDMA	Up to 1 – 2 days	Up to 1- 4 days
Cocaine	Up to 1 – 2 days	Up to 1 - 4 days
Opiate Heroin, Morphine, Codeine	Up to 1 day	Up to 1 – 2 days
Benzodiazepines Anti-Anxiety Medication (Valium, Xanax, Diazepam)	Up to 1 day	Up to 2 – 4 days
Cannabis Marijuana/THC	Up to 6 – 12 hours	Up to 5 – 50 days

The Pathtech Team recommends saliva based devices as a preferred method to detect potential drug abuse at your workplace.

- Saliva drug testing can detect drugs anytime, from immediately after the most recent use to up to 24 hours after use. By comparison, urine cannot accurately determine if drug use was recent or days prior, therefore making saliva superior for post-incident testing.
- Saliva testing is easier and not prone to adulteration. The collection procedure is also less invasive than other forms of drug testing.

A guide to the development of a workplace drug and alcohol testing program



Saliva Drug Testing

Securetec DrugWipes

Key features:

- > Number 1 selling saliva testing device in Australia
- Device used by Australian Police jurisdictions for roadside drug screening
- > Easy to use, no handling of saliva
- ➤ The DrugWipe is used by many workplaces
- > Detects current and recent drug use
- Requires only a small amount of saliva just a wipe down the tongue to test
- > Fast test results available in 5-8 minutes
- Accurate, with an overall reliability greater than 95%
- Ability to detect even small traces of Cannabis, with detection levels for cannabis / THC at 5ng/ml and 10ng/ml

- ➤ Easy to read has a distinctive test line which appears upon the presence of drugs, with a built in control line
- > Up to 24 month expiry on devices
- WipeAlyser device also available to help analyze results from the DrugWipe
- Made in Germany

Pathtech are able to supply 4 different Securetec DrugWipes® based on the specific drugs your workplace want to test for.

DrugWipe® S – Saliva Tests

The results of traffic checks internationally confirm the sensitivity, specificity and accuracy of the DrugWipe 5S and 6S detection devices. In particular, this can be seen after evaluating a large deployment of saliva drug testing (Nature One, Germany 2011):

Types of drugs		Can	Amp/Met	Coc	Opi
Sensitivity	[%]	94	100	100	100
Specificity	[%]	100	99	98	100
Accuracy	[%]	98	99	98	100

Saliva Drug Testing











Confirmatory Testing

Oral Fluid Collection Pack

Product Code: 220.PAT102C.PACK

These kits are used for the collection and transportation of a saliva specimen to the laboratory for confirmatory analysis. Included in the kit:

- 2x Buffer Tubes
- > 2x Collections Pads
- Instructions for use

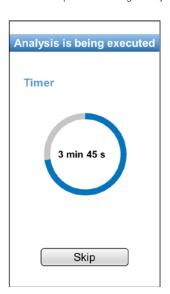


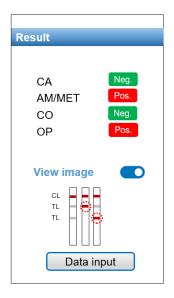
WipeAlyser Analysis Device

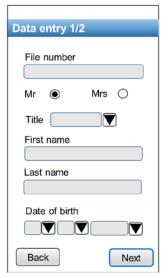
The WipeAlyser is a handheld portable analysis device for detecting drugs when used in combination with the DrugWipe, providing an ideal drug screening tool for your workplace.

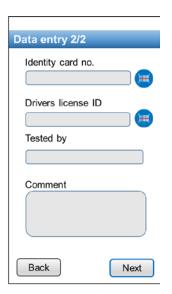
Key features:

- Robust design suitable for both indoor and outdoor use – with shock and splash proof protection
- > Hand-held and ergonomic weight 800grams
- > Long battery life
- > Vivid touch screen
- > Integrated printer for quick documentation
- Doesn't require a computer/laptop completely mobile
- Intuitive operation to guide you through the analysis and interpretation of results, see example below:











Urine Drug Testing





Eco Cup II 6 Panel

Product Code: 028-EC0CUP11-6P

Assists in the detection of a full range of substances including Amphetamines / Methamphetamines, Cannabis (THC), Cocaine, Opiates & Benzodiazepines.

- **>** Easy to use one step
- Urine Samples with cut-offs complying to AS4308:2008
 Standards
- ▶ Fast urine test, results typically ready in 1-2 minutes.
- > Built-in extraction ports



Eco Cup II 7 Panel with K2

Product Code:028-EC0K2-20

Assists in the detection of a full range of substances including Amphetamines / Methamphetamines, Cannabis (THC), Cocaine, Opiates & Benzodiazepines and K2/Spice.

- > Easy to use one step
- Fast urine test, results typically ready in 1-2 minutes.
- Built-in extraction ports make sending a specimen to the laboratory easier and cleaner
- Cost effective



InnoScreen 6 Panel Urine Tilt Test Cup

Product Code: 028-Inno6cupAU

Assists in the detection of a full range of substances including Amphetamines / Methamphetamines, Cannabis (THC), Cocaine, Morphine & Benzodiazepines.

- Simple and easy to use. Collect the sample and replace the lid
- > Provides results in 2 minutes
- > Built in specimen validity to detect specimen adulteration
- > Certified to Australian Standards (AS4308:2008)



Eco Cup II 14 Panel

Product Code: 028-EC0CUPII-14PATH

Assists in the detection of a full range of substances including Amphetamines / Methamphetamines, Cannabis (THC), Cocaine, Opiates, Benzodiazepines, K2/Spice, Ecstasy, Oxycodone, Ketamine, Buprenorphine, Methadone, Phencyclidine and Fentanyl.

- > Easy to use one step
- > Fast urine test, results typically ready in 1-2 minutes
- Cost effective

Breathalyser Alcohol Testing



Alcolizer

Alcolizer HH3 Alcohol Tester

Product code: 429-300075

Developed for small to medium-sized enterprises, the Alcolizer HH3 is outstanding value and ideal for companies starting workplace alcohol testing.

- > Rugged and proven to perform
- Multi-function testing
- > USB data download
- > Simple, easy to use menu screens
- Outstanding value, entry level instrument

Alcolizer HH4 Alcohol Tester

Product code: 429-300115

The advanced performance and features benefit organisations who need a comprehensive alcohol testing instrument.

- > Advanced functionality with colour screen
- Industrial grade alcohol tester, robust and reliable
- Mouthpiece and passive testing with data download
- > Bluetooth connectivity standard
- Connect via AlcoCONNECT™ Mobile

Alcolizer HH4 alcohol tester

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Alcolizer LE5 Alcohol Tester

Product code: 429- 300115

Alcolizer LE5 – trusted by law enforcement, federal agencies and industrial customers around the world for fast, sophisticated and accurate alcohol testing.

- > Premium performance law enforcement grade
- > Highly responsive electrochemical fuel cell
- Module exchange system for fast, easy calibration
- Mouthpiece and Passive testing, with fast response
- > Bluetooth connectivity and GPS Standard



Wall Mounted Alcohol Testing

Alcolizer Centurion Quantum

Product code: 444-903000CS

Rapid, high volume alcohol testing - You can test 100% of your work force before they enter the worksite!

- > Rapid, high volume mouthpiece or passive testing
- > Easy modular exchange calibration
- Low cost maintenance and operation
- Compatible with AlcoCONNECT™ Live



Alcolizer Wall Mount 4

Product code: 444-701111

Wall Mount 4 delivers superior breath testing solutions and is trusted by commercial and heavy use industrial customers around the world.

- ▶ Fast testing of **high volume** workforces
- > Self Calibrating every 24 hrs
- Instant results delivered to management
- > Efficient, reliable, durable operation
- > Highly configurable to your Drug and Alcohol program



Alcolizer Centurion Zero Tolerance

Product code: 444-703000CS

Fast passive wall mounted testing.

- Instant recovery for zero test
- Passive test functionality no straws or mouthpieces required!
- Low-cost maintenance and operation
- > Easy modular exchange calibration



Drug and Alcohol Starter Kits

Ideal for workplaces looking to introduce drug and alcohol screening for the first time or for small to medium sized workplaces testing in smaller numbers. Includes our most popular Breathalyser (HH3) and either saliva or urine-based drug screening devices.

Drug and Alcohol Starter Kit - Saliva 5S

Product code: 220-DATSKS5S

For the detection of Alcohol, Cannabis, Opiates, Cocaine, Amphetamines / Methamphetamines via a saliva sample.

Starter Kit includes:

10 x saliva DrugWipe 5S

1 x Alcolizer HH3 Breathalyser

100 x Intoximeter FST Mouthpieces

1 x Chain of Custody Book

X1 Hard Plastic Carry Case Small

X1 Neoprene Breathalyser Cover

Drug and Alcohol Starter Kit - Saliva 6S

Product code: 220-DATSKS6S

For the detection of Alcohol, Cannabis, Opiates, Cocaine, Amphetamines / Methamphetamines via a saliva sample.

Starter Kit includes:

10 x saliva DrugWipe 6S

1 x Alcolizer HH3 Breathalyser

100 x Intoximeter FST Mouthpieces

1 x Chain of Custody Book

X1 Hard Plastic Carry Case Small

X1 Neoprene Breathalyser Cover

Drug and Alcohol Starter Kit - Urine Cups

Product code: 220-DATSKU6

For the detection of Alcohol, Cannabis, Opiates, Cocaine, Amphetamines / Methamphetamines via a saliva sample

Starter Kit includes:

25 x Eco Cup II 6 panel cups

1 x Alcolizer HH3 Breathalyser

100 x Intoximeter FST Mouthpieces

1 x Chain of Custody Book

X1 Hard Plastic Carry Case Small

X1 Neoprene Breathalyser Cover







Surface Drug Testing

The Securetec DrugWipe 1A and 5F Surface Testing Devices can detect the presence of illegal substances on surfaces, making them an ideal screening tool for residential and commercial properties, workplaces, vehicles and more.

DrugWipe 1A

For surface detection of Amphetamines, Methamphetamines and Ecstasy.

- > Easy to use
- > Provides a visible, qualitative result within 8 minutes
- Accurate
- Ideal for meth testing of properties, cars and workplaces

Press Press Product Code: 173-A104A

DrugWipe 5F

For surface detection of Cannabis, Opiates, Cocaine, Amphetamines, Methamphetamines and Ecstasy

- > Provides a visible, qualitative result within 8 minutes
- Currently used by Australian Customs



Property Screening Pack

Designed to help detect the presence of Methamphetamines (Ice) in residential properties, the Property Screening Pack is available with x 5 or x 10 DrugWipe 1A Surface Testing devices and includes:

- Pathtech Cooler Bag (Fits your DrugWipes, Accessories and Paperwork)
- Quick Reference Training Guide
- 2 x pairs of Nitrile Gloves
- > x 2 or x 3 Underpads
- x 5 or x 10 Carboard Cut-Outs (10cm x 10cm)



FAQ's

1. Are Pathtech able to conduct the testing at my workplace or organisation?

Pathtech are a supplier of drug and alcohol testing devices and are not able to physically conduct the testing at your workplace or organisation. We do nonetheless, have relationships with a range of testing providers right across Australia who test using products from the Pathtech range and therefore, we can put you in contact with the best testing provider for your workplace or organisation.

2. How will I know how to use the testing devices correctly?

If you are planning on conducting your drug and alcohol testing directly, Pathtech will provide you with full product training to ensure you know how to use your devices correctly. This training can be undertaken online through our training portal or alternatively can be conducted via a phone conference or face to face if required. Following your training, you will be provided with a certificate of completion for your records. The Pathtech Drug Detection Team can also assist with any after support as required.

3. Can a donor eat or drink before taking the test?

No. Ensure that they do not eat, drink, smoke or chew anything at least 10 minutes before doing the test

4. Can Pathtech assist if I am wanting to engage a testing provider rather than test directly?

Certainly. Pathtech have a relationship with a range of testing providers right across Australia who test using products from the Pathtech range and can put you in contact with the best testing provider for your workplace or organisation.

5. I already use a testing provider. Are Pathtech able to supply testing devices to them?

Pathtech currently supply drug and alcohol testing devices to a large number of Testing Providers across Australia. If your Provider does not currently use Pathtech products, please encourage them to contact Pathtech to see how they can purchase devices. Alternatively, Pathtech are able to sell to your workplace or organisation directly.

6. Who should I contact if there is an issue with a purchased testing device?

In the very unlikely event that there is an issue with a testing device purchased from Pathtech, please contact the Pathtech Drug Detection Team who will work with you to identify and best rectify the issue.

7. Do any of your testing devices have an expiry?

The Securetec DrugWipes have up to a 24-month expiry, whilst our Urine Cups have up to an 18-month expiry. There is no expiry on the Intoximeter Breathalysers.

8. How many DrugWipes are in a box?

25

9. How many people should I test if I was performing random tests?

Approximately 10% of your workforce once per month is the industry standard. Testing smaller amounts on different days, at different times and on different shifts is more effective than testing a large amount less frequently.

10. Do Pathtech provide posters and reference material to place around the site and in staff common areas?

Instructional and Awareness posters are available in various sizes to enable communication

11. How long will I need to wait to receive any order placed for testing devices?

The Pathtech warehouse is based in Melbourne, Australia, enabling quick dispatch of orders. Orders are usually shipped within 24 hours of an order confirmation being received, and should arrive to site within 1–3 working days dependent upon your location within Australia.

12. How often do the Intoximeter Breathalysers need to be calibrated?

Breathalysers need to be calibrated every 6 months, regardless of the number of tests conducted within this period, as per the Australian Standards. Pathtech's Service Laboratory is able to perform this calibration. Contact your Account Manager to find out how to book your breathalyser in for calibration

13. Can the DrugWipe be used to conduct testing on site?

The DrugWipe is ideal for on-site "on the spot" testing within most external environments due to it requiring minimal saliva, its efficiency, size and portability.

14. Do your urine cups have adulterants?

Yes – both the 6, 7 and 13 panel Urine Drug Cups have adulterant screening plus temperature.

15. How do I store the DrugWipes?

Incorrect storage conditions, such as high temperatures, will damage the test. Avoid temperatures in excess of 40 °C. Damage to the test may occur.

- ▶ 5 40 °C Use DrugWipe within this temperature range.
- ▶ 5 25 °C Only store DrugWipes within this temperature range.

16. What do I do if I get a not-negative result?

Upon receipt of a not-negative result from any saliva or urine screening device, a secondary or confirmatory test must be performed (as per Australian Standards). We offer a Confirmatory Saliva Collection Kit or alternatively the test can be performed by health care professional at a Pathology Clinic or Medical Centre. Please contact the Pathtech Drug Detection Team for advice.

17. Do I need accredited training to become a Drug and Alcohol tester for a pre-screen only?

Pathtech offer end to end training (non-accredited) on how to use the DrugWipe to conduct a saliva drug test. A certificate of competency will be issued upon successful completion. If you would like to take the specimen collectors course, we can provide some recommendations for registered training organisations that offer this course. We also offer training on our other products, such as: Breathalyser and Urine.

18. What will and won't show up on a drug test?

Common prescription / over the counter medication will show: Codeine, Pholcodine (cough syrups),
Benzodiazepines (valium, lorazepam),
Dextroamphetamine (Adderall), Sudafed,
Duromine (weight loss)

Common prescription/over the counter medication that **won't show**: Ibuprofen, Paracetamol (Panadol), Antihistamines, Diabetic medication, Heart medication, Cholesterol tablets, Contraceptive pills, Anti-Depressants, Methylphenidate (Ritalin)

For further information on our extensive range of saliva testing, urine testing, alcohol testing and surface testing, visit www.pathtech.com.au or call our team on 1800 069 161.



Extensive Industry Experience

Pathtech are Australia's largest supplier of Drug Detection Devices and have extensive experience working across a range of Industries and Business types to support their drug and alcohol testing including:

- Police
- Mining
- Engineering
- Manufacturing
- Transport
- Corrective Services
- Healthcare
- Aviation

- Energy
- Oil and Gas
- > Sugar, Pulp and Paper Mills
- Abattoirs
- Wind Farms and Power Stations
- Construction
- Local Government and Councils

- Customs and Border Force
- Real Estate and Property Management
- Housing Departments and Organizations
- Safety Supply Companies
- Drug and Alcohol Testing Services

