



SAFE AG SYSTEMS™
Keep safe. Keep farming.



Managing safety in agriculture

Workplace Safety Statistics

Australia, UK, USA, NZ, Canada

335,000 workplace fatalities
worldwide each year.

over 50% of workplace fatalities occur in agriculture



Industry Profile - Agriculture

- 3% Total employment
- Oldest age demographic
 - 17% over 65, 22% 55 – 64
- 46% Casual employees
- Highest number of fatalities – 40 per year
 - 65 & over 36%
 - Showing no dramatic improvement

- Sheep, Beef Cattle & Grain farming makes up 1/3 of the sector, accounts for 2/3 of serious claims

In the past 4 years

- Livestock managers – 57 fatalities
- Livestock labourers – 18 fatalities
- Cropping farmers – 17 fatalities



Agriculture identified as a national priority to reduce fatalities & serious claims

**2980 Serious Injuries
reported per year**

**An average of 40 Fatalities
per year**

WHY ?????

**The jobs we do, the conditions we
work in, the people we work with.**

Working with:

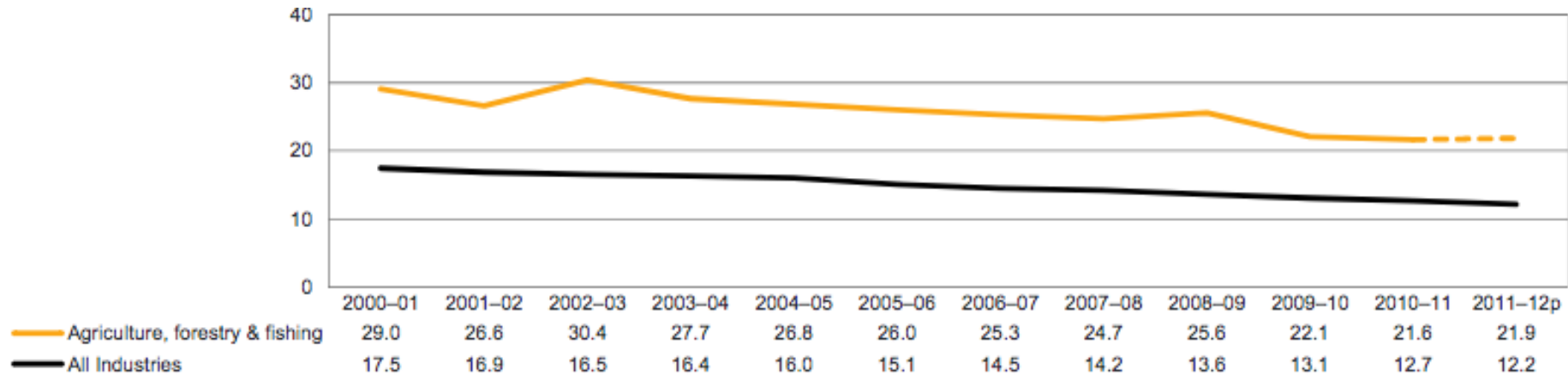
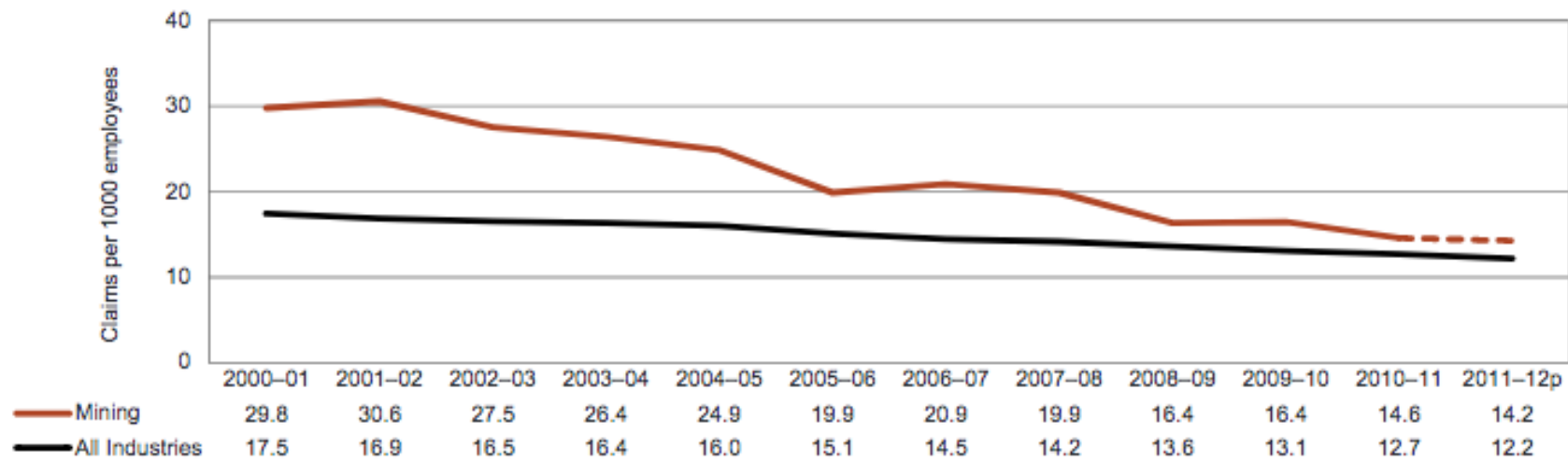
- Explosives
- Chemicals
- Big Machinery
- Livestock

The Conditions:

- Working alone
- Working in remote areas
- Working outdoors

The People:

- Men over 50
- Inexperienced casuals



Almost 25% of workplace fatalities occur in agriculture
Mining fatalities make up less than 3%



Harmonised WHS legislation – SA, NSW, TAS, QLD, NT, ACT

OHS legislation – VIC, WA

The workers

Under the Act, the business/employer **MUST** provide

- Adequate facilities for your workers' welfare
- Information, instruction, training or supervision for workers
- Consultation with your workers on health and safety matters
- Monitoring of the health of your workers and the conditions of your workplace
- A working environment that is safe
- Safe plant, structures and systems of work



What about Contractors?

As an employer you must provide a safe and healthy workplace for your **workers and contractors.**

This includes:

- providing and maintaining safe plant (such as machinery and equipment)
- providing safe systems of work (such as controlling entry to high risk areas, controlling work pace and frequency)
- maintaining the workplace in a safe condition (such as ensuring fire exits are not blocked, emergency equipment is serviceable, and the worksite is generally tidy)
- providing adequate facilities (such as clean toilets, cool and clean drinking water, and hygienic eating areas)
- making sure contractors have adequate information, instruction, training and supervision to work in a safe and healthy manner.



The Business MUST report a Notifiable Incident

The Person

- The death of a person
- Serious illness
- Admission to hospital (in patient)



The Business MUST report a Dangerous Incident

- an uncontrolled escape, spillage or leakage of a substance
- implosion, explosion or fire
- escape of gas or steam
- escape of a pressurised substance
- electric shock
- the fall from a height of any plant
- the collapse or partial collapse of a structure



A breach of duties under the WHS Act is a criminal offence and penalties apply

(OHS penalties in Victoria are higher)

	Corporation	Individual as PCBU	Individual as worker
CATEGORY 1	\$3 million	\$600,000 and/or five years in jail	\$300,000 and/or five years in jail
The duty holder, without reasonable excuse, engages in conduct that recklessly exposes a person to a risk of death or serious injury or illness			
CATEGORY 2	\$1.5 million	\$300,000	\$150,000
The duty holder fails to comply with a health and safety duty that exposes a person to risk of death or serious injury or illness			
CATEGORY 3	\$500,000	\$100,000	\$50,000
The duty holder fails to comply with a health and safety duty			



Prohibition and Improvement Notices

Prohibition Notice: Failure to comply with this notice may incur a maximum penalty of:

- **\$100,000 for an individual**
- **\$500,000 for a body corporate**

Improvement Notice: Failure to comply with this notice may incur a maximum penalty of:

- \$50,000 for an individual
- \$250,000 for a body corporate



Industrial Manslaughter Penalties

Industrial Manslaughter is now law in Qld & ACT.

It is currently being proposed in SA, Vic & NSW.

- The maximum penalty for the new offence is 20 years imprisonment for an individual, with a maximum fine of \$10 million for a corporate offender.
- Industrial Manslaughter extends corporate criminal responsibility where a corporation's unwritten rules, policies, work practices or conduct fail to create a culture of compliance consistent with its responsibilities and duties of care.



National Heavy Vehicle Regulator laws start in October 2018

What are the Chain of Responsibility (CoR) laws

On 1 October 2018, the HVNL will be changed so that the safety of transport activities relating to a heavy vehicle will be the shared responsibility of each party in the Chain of Responsibility for the heavy vehicle.

Anybody (not just the driver) who has control over the transport task can be held responsible for breaches of road laws and may be legally liable. COR is similar to the legal concept of 'duty of care' that underpins Occupational Health & Safety (OH&S) law. This approach has long been used by the courts to impose liability in negligence and damages claims.

For more FAQ refer to the factsheet in your pack.



What minimum record keeping is essential to demonstrate compliance for OHS / WHS, NHVR Chain of Responsibility, Industrial Manslaughter?



Records

- Records identifying the Person(s) Conducting a Business or Undertaking (PCBU), Workers and Contractors
- Health and training records
- Induction records
- Maintenance records and safe operation procedures
- Hazard analysis (records of risks/hazards identified)
- Records of communication about identified risks and resolutions
- Safety policies and an active emergency plan



2017-2018 Headlines from Safework Aust

07 Jun 2017
Vegie business
hit with
\$107,933 fine
over safety
breaches

15 Dec 2017
Man crushed by
bull at Dunkeld

24 Mar 2017
Third tractor
incident in a week
claims another life

08 May 2018
Farmer dies
after being
struck by trailer

12 Jan 2017
Labour hire company
convicted after
backpacker scalped

29 Mar 2018 Man
dies in farm truck
rollover near
Warragul

17 Mar 2017
Truck driver and
farmer die in
separate
incidents

21 Jun 2017
Two workers die in
country Victoria in
less than 24 hours

04 Jan 2018
Man trampled
to death at
Georges Creek

31 Jul 2017
Record court fines
for failing to keep
workplaces safe

08 Jan 2017
Workplaces urged
to do more after
horror 2016

11 Sep 2017
Poultry contractor
finned \$1.13m over
forklift tragedy



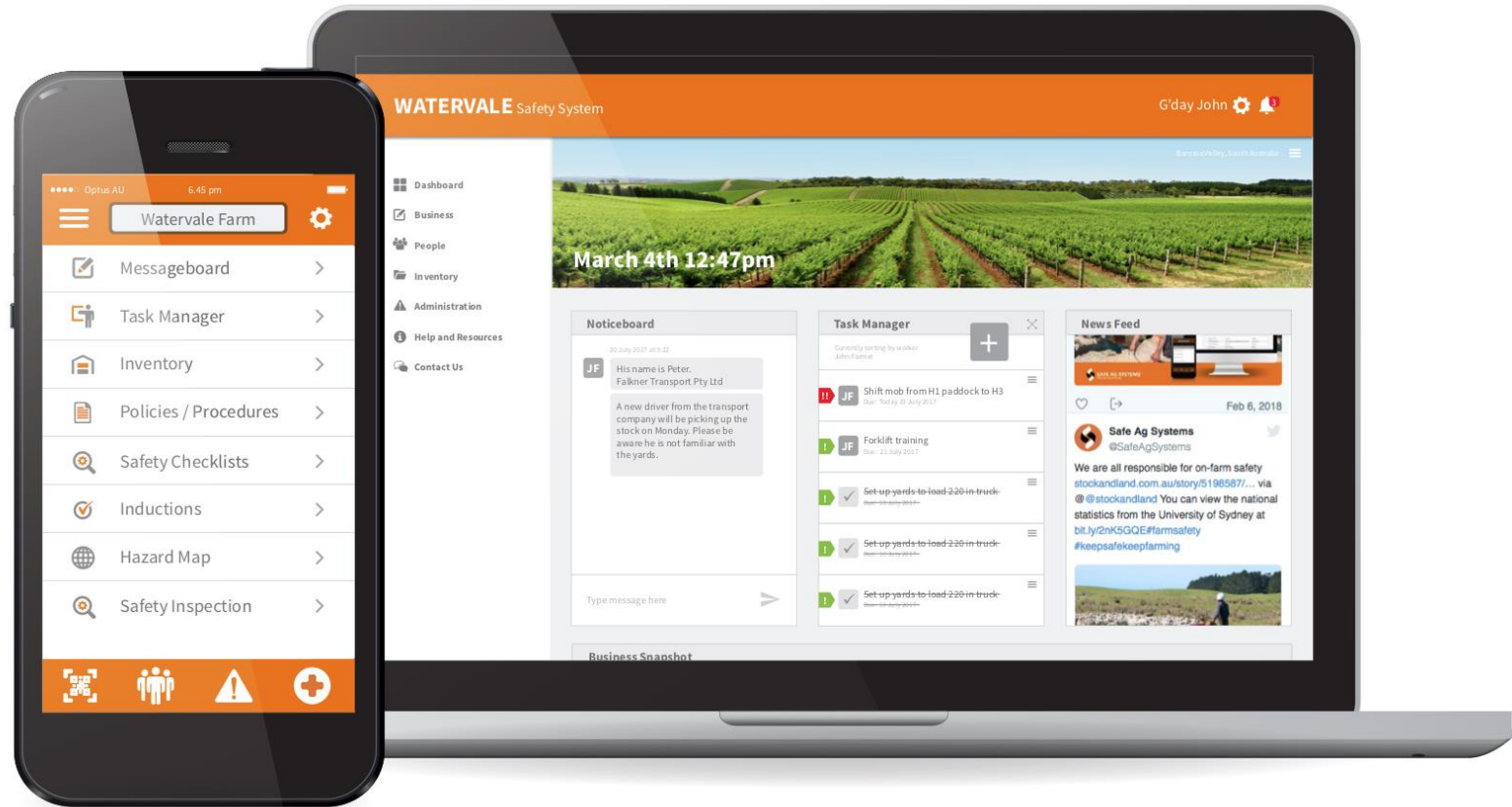


We know that, as primary producers,
we have to take action

What are you going to do?



A software technology that is changing the way Australian farmers are tackling safety on farm.





Your business details

PRIMARY ADD / EDIT LOGO MANAGE DIRECTORY LISTING



Remove Logo

Seed Cleaning Company
16 Laneway Road
Morayfield QLD 4505 Australia

0419822119
graham_katy@yahoo.com.au
www.seedcleaningco.com
ABN. 12345678921

PRIMARY ADD / EDIT LOGO MANAGE DIRECTORY LISTING

PRIMARY BUSINESS DETAILS

Primary Entity Name (PCBU) ⓘ*

Seed Cleaning Company

Email

graham_katy@yahoo.com.au

Postal Address

16 Laneway Road

This information appears on letterhead and reports

Entity Type

Company

ABN

321654046554

Telephone

0419822119

Website

www.seedcleaningco.com

Country

Aus

Post Code

4505

Suburb / Town

Morayfield

State / Region

QLD

SAVE BUSINESS DETAILS

BUSINESS CONTACTS

Officer of the (PCBU) * ⓘ

James Smith

Telephone *

0419822119

Email *

katy@safeagssystems.com

WHS Administrator *

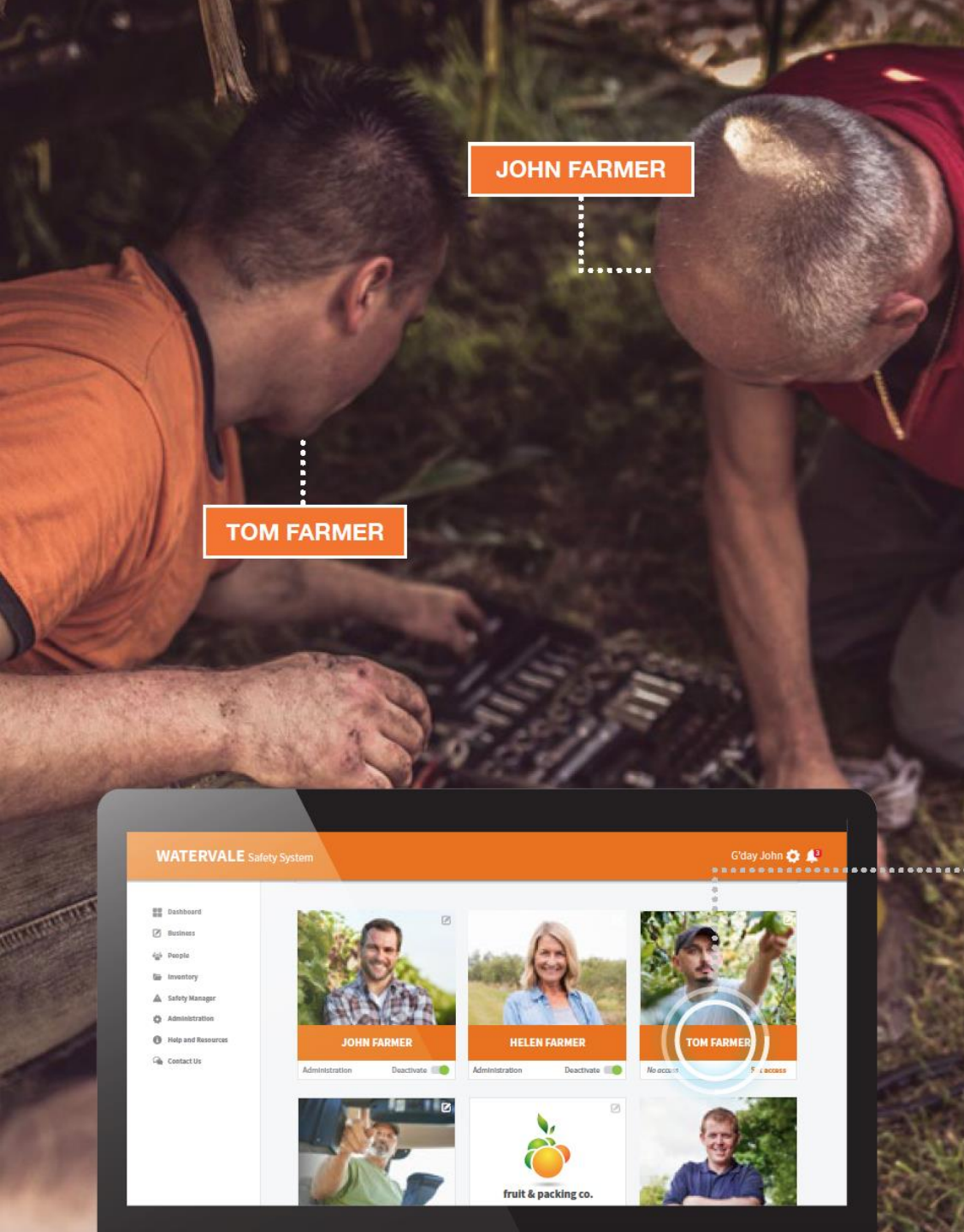
Jane Smith

WHS Administrator Telephone *

0419822119

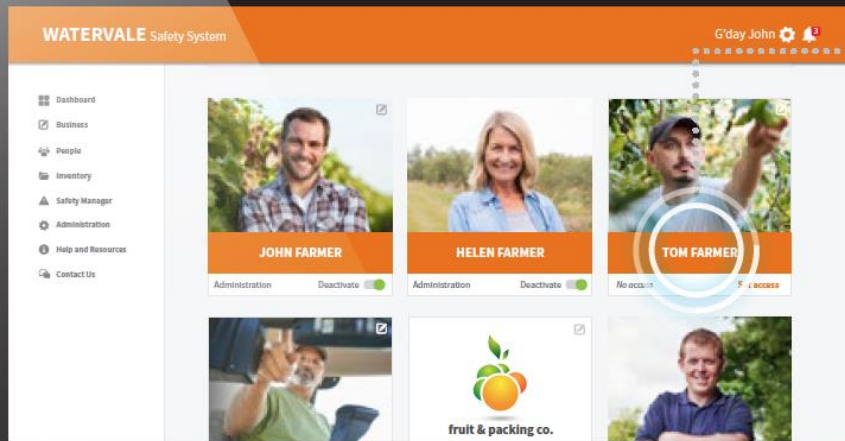
WHS Administrator Email *

katy@safeagssystems.com



JOHN FARMER

TOM FARMER



Workers & Clients

- **Health Action Plans** can be accessed in an Emergency situation (e.g. if a worker is asthmatic and has an attack on farm, other workers will know immediately what to do).
- The **Training Register** helps you keep track of Tickets and Licenses and allows you to schedule upcoming training.
- Upload Employment Contracts, Position Descriptions or Performance Reviews.

MANAGE WORKERS ADD WORKER CONTRACTOR DIRECTORY

Worker Information

First Name	Last Name
<input type="text"/>	<input type="text"/>
Phone / Mobile	Date of Birth
<input type="text"/>	<input type="text"/>
Email	
<input type="text"/>	
Postal Address	
<input type="text"/>	
Physical Address	
<input type="text"/>	
Position	Company
<input type="text"/>	<input type="text"/>

Does this person require access to the system? [Learn more.](#)

[Grant Security Access](#)

[Cancel](#)

[Save](#)



TOM FARMER

WORKER RECORDS

Type	Category	Name	Date
Health Record	Health Record	Asthma Health Action Plan	01/02/18
Upload	Work Cover Management Plan	Asthma Management Plan	01/02/18
Upload	Employment Record	Tom Farmer Employment Contract	01/02/18

[+ Add record](#)



Adding health record

Ensures everyone is aware of the emergency medical treatment for any worker

Add Record

Category*

Health Record

Name of condition / illness

Asthma

Description and associated symptoms

Shortness of breath
Dizziness

Cause or associated triggers

Dust
pollen

Preventative action

Puffer
Removal from environment

Action Plan

Asthmaplan.doc

Browse



Allow action plan to be viewed by workers

Cancel

Save



Training Details

Ensures workers and business know current skills, licenses as well as skill gaps.

Ensures appropriate training is planned to support worker safety.

Add Training

Who will be doing this training?

✕ Anthony Graham

✕ Helen Farmer

✕ Samantha Smith

✕ John Farmer

Type

Licence

Training Name

Chemical Certification

[Browse](#) training options in your area.

Comments or Conditions

Chemical Certification run by RST training

Date

01/02/18

☐

Set 30 day training reminder?

Reset

Save



How does this help me with compliance

– Business and Workers

Safe Ag Systems reports:

WHO IS WHO IN THE BUSINESS

- PCBU, Administrators, Workers, Contractors

TRAINING REGISTER

- keeps record of existing qualifications and skills
- allows the business to timetable future training
- provides proof that your workers are properly trained

HEALTH REGISTER

- records individual worker health records where health issues may affect their safety in the workplace
- enables emergency response instructions to be provided to all other workers

HR RECORDS

- employment record, Work cover management plan, Position description and Performance reviews

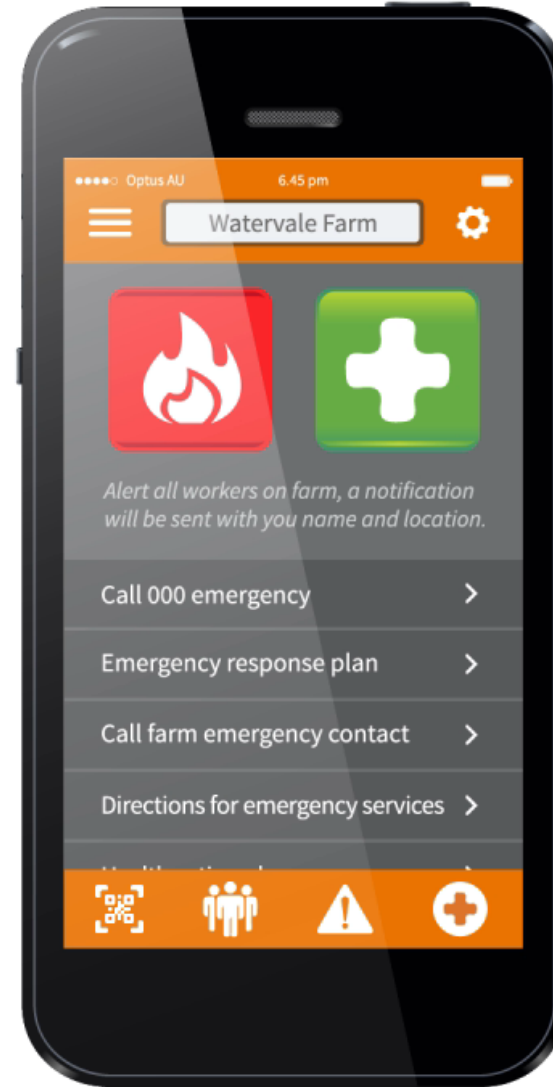


Now your basic information is in the system.
What do we do next?

We introduce safety into the day.



Your emergency plan

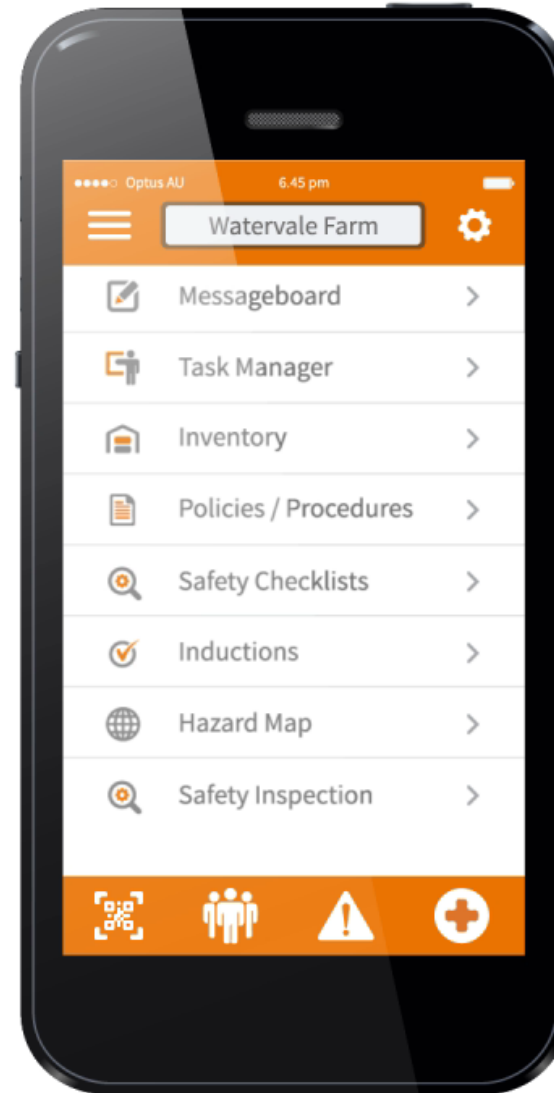




Safety Inspection and Hazard Map

Safety Inspection is your own WHS Inspector, you can:

- “Inspect” structures, machines, terrain in each of your locations.
- Identify shortfalls, send a reminder to the task manager, arrange to rectify.
- A report of your inspection remains on the system as proof that you are doing what is “Reasonably Practicable” to ensure you identify hazards, assess risks and act to reduce severity





Tasks and Notifications

What is the task?*

Check boundary fence - Home block

Person assigned James Farmer **Are there risks associated?*** No

Task notes

Jame please do a fencing check. We had stock on the road last night. Take the tools with you but let me know if its a two person job.

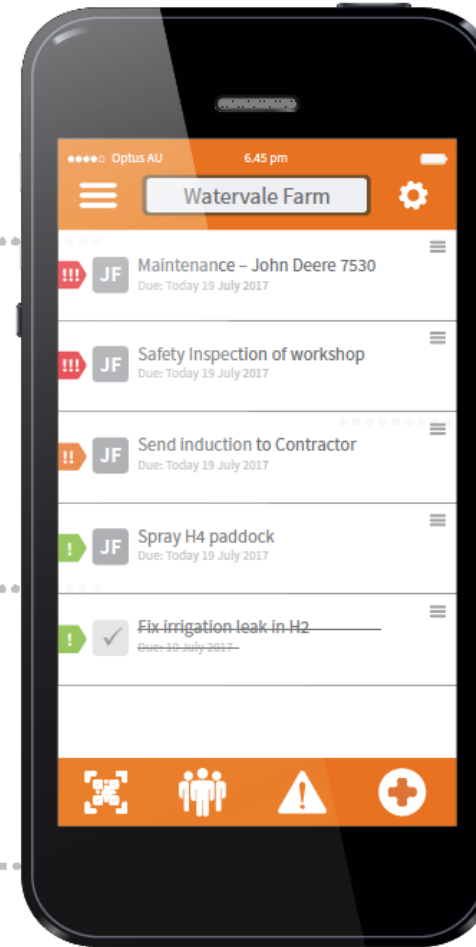
Additional notes

Priority* High **Created By** James_Farmer3

Due Date 15/08/2018

MAINTENANCE REMINDERS

GENERAL 'TO-DO' LIST ITEMS THAT NEED TO BE DONE



INDUCTION FOLLOW-UPS

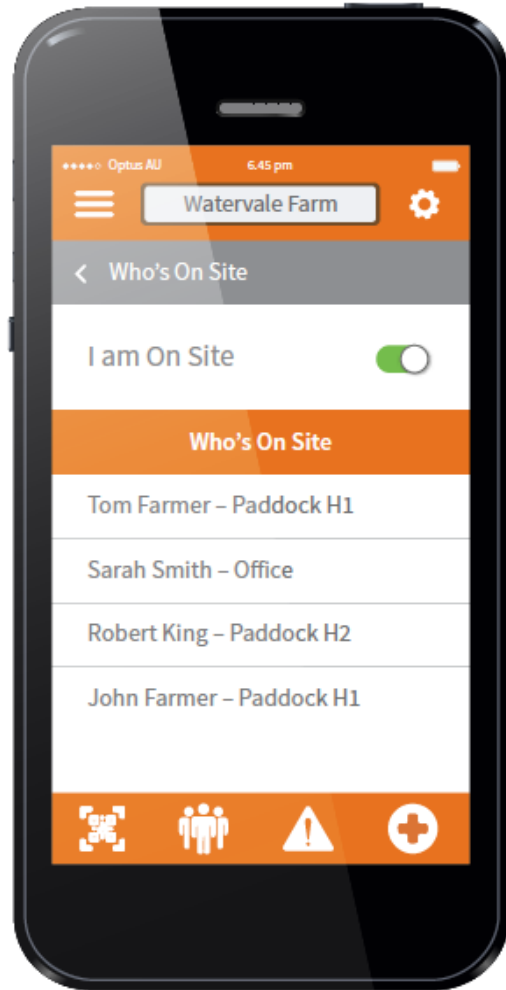
HAZARD REPORTS

SAFETY INSPECTION FOLLOW-UP TASKS

Safe Ag Systems is much more than just a safety program.



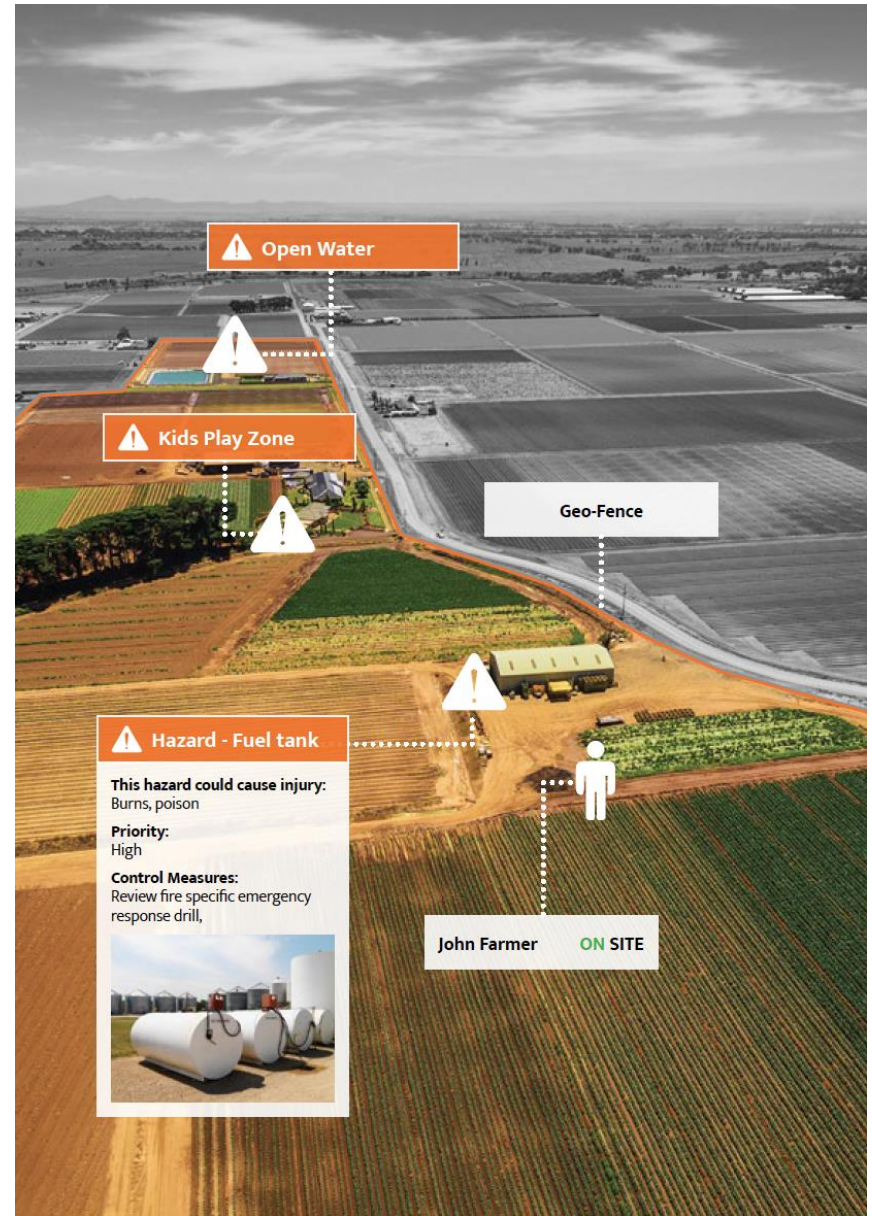
Locations – Hazard map



- emergency location
- plot your hazards
- worker arrival and departure

Notification

Tom Farmer is now on site.
Jan 1 2019, 7:31am



100's of safe work procedure templates



Using QR Codes to identify inventory and access important safety functions.

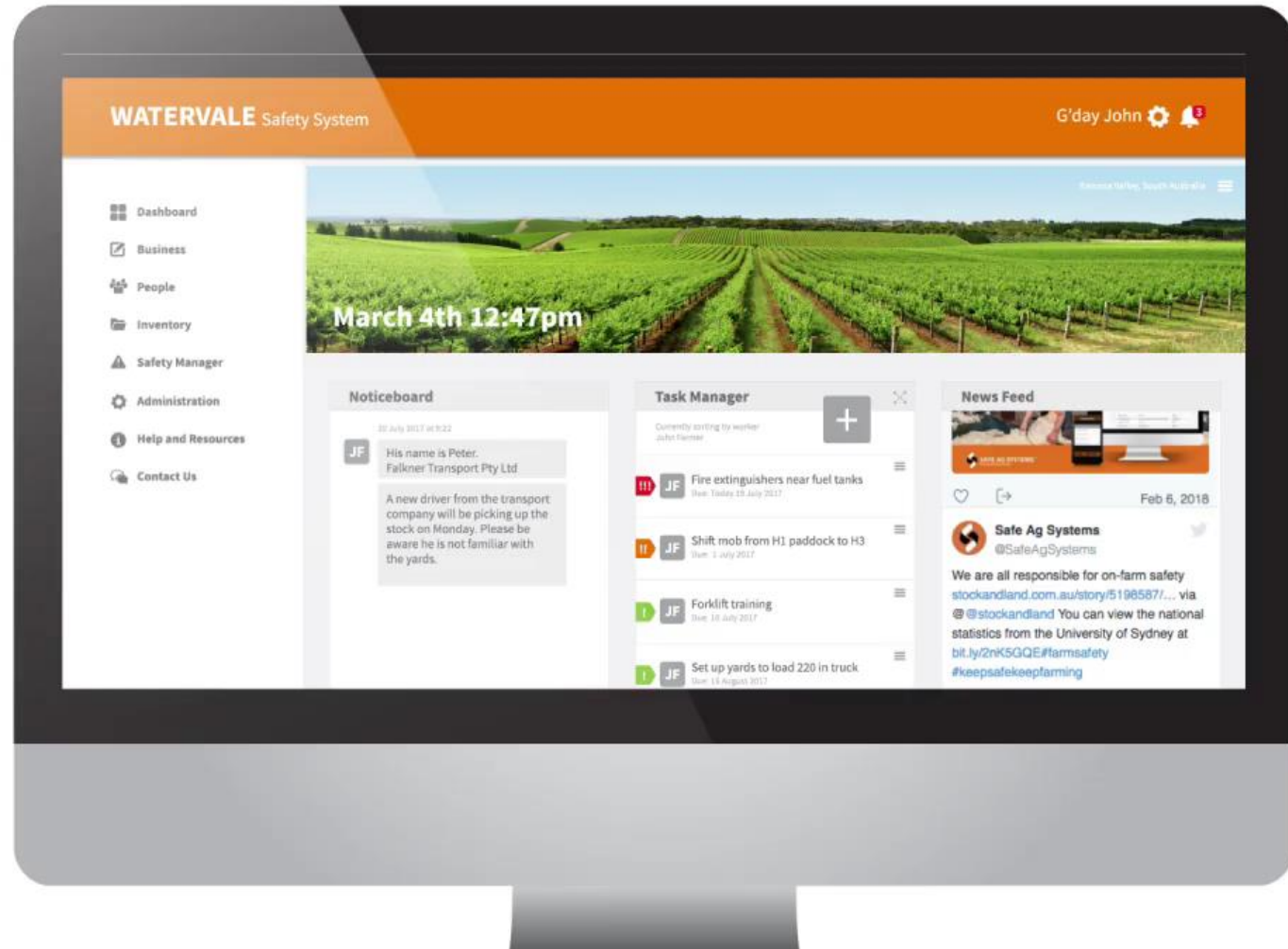


Easily induct
visitors and contractors





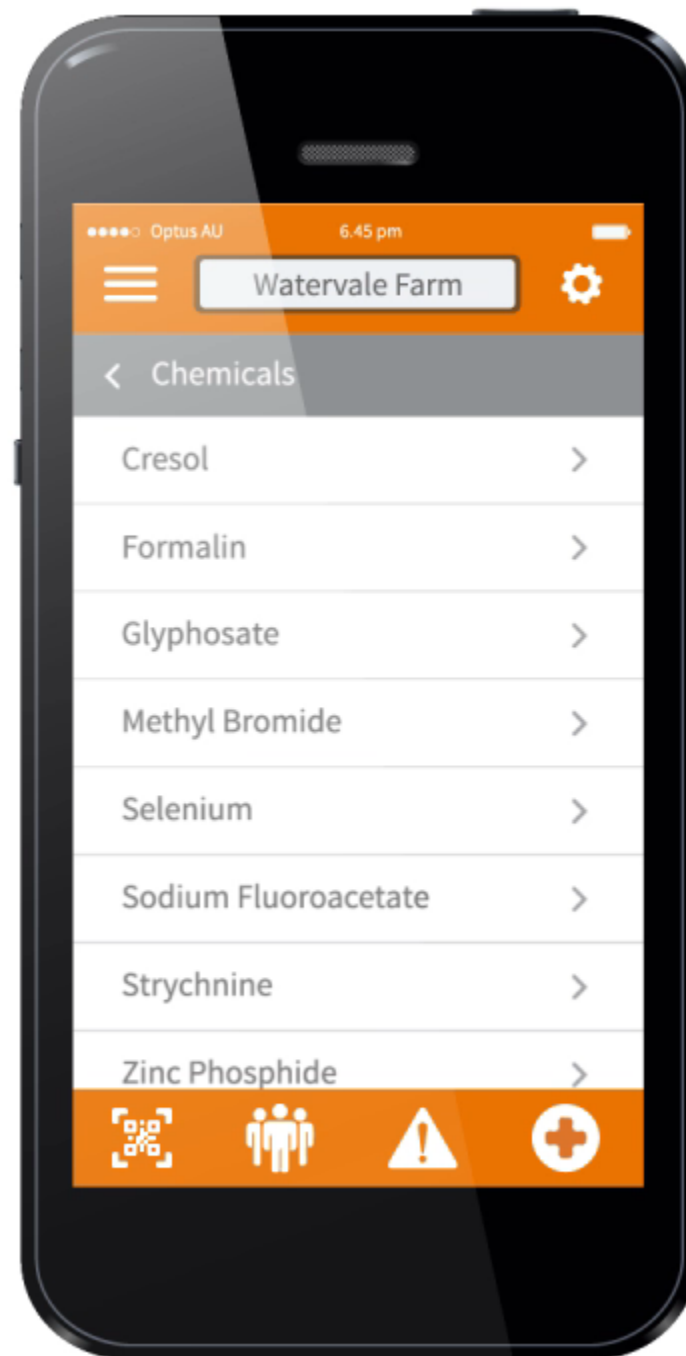
Policies and Worker Inductions



SAFE AG SYSTEMS™ v2.0

Chemical Register

Attach links to
safety data sheets





Your Chemical Register

Setting up your chemical register

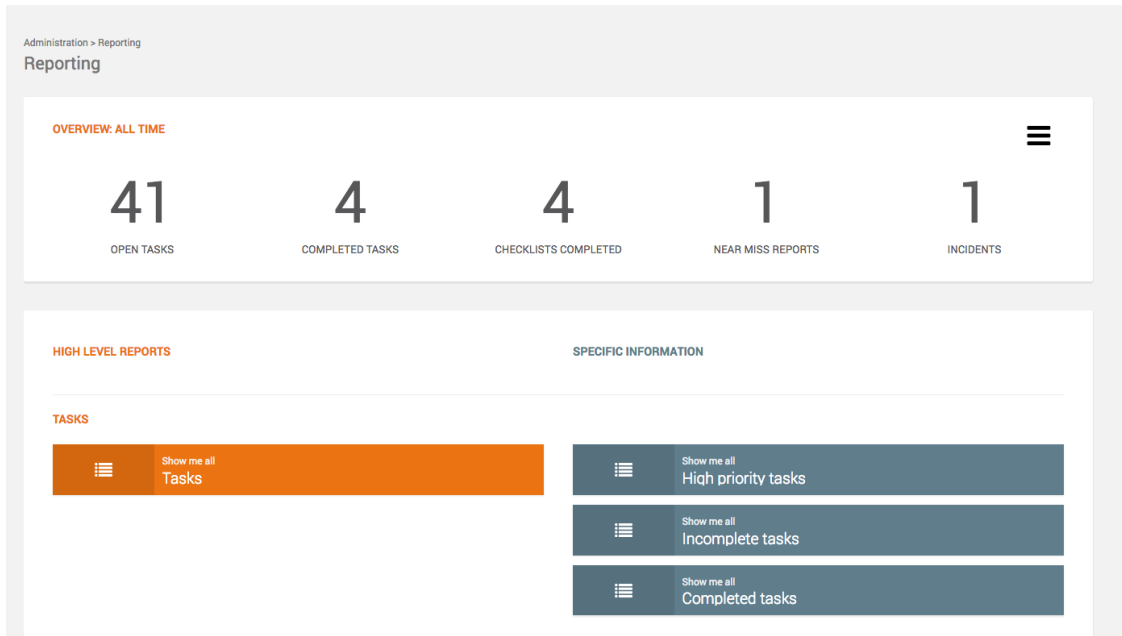
- create your chemical manifest (quantities, SDS and safety instructions)

Using your chemical register via the app. The voice-to-text feature;

- quantity used
- application rate
- wind direction
- temperature
- target pest
- who applied
- location of application
- auto re-calculation of chemical manifest



Report hazards, near misses and incidents this is a record that you are taking action around safety





How does this help me with compliance

- you have identified and taken action around hazards.
- enabled your workers access to safe work procedures for all machinery, tools, structures and equipment via QR codes
- current chemical manifest and ready access to SDS's
- Provided clear and easily updated emergency action plan



What kind of help we provide?

Setup and ongoing support

- 1:1 client service officer based in SA. You will speak to the same person.
- They can data enter for you also.
- You can request a 'gap analysis' .

Real content and advice that fits your business

- WHS Manager experienced in agriculture.
- The ability to request content, SWP and Policies.



1–10 USERS

For small operations

Full technical support

5G secure storage

Contract term 12 months

\$75 ^{+GST}
monthly

PURCHASE

11–20 USERS

For mid-sized operations

Full technical support

5G secure storage

Contract term 12 months

\$120 ^{+GST}
monthly

PURCHASE



Contact Details

Caroline Graham

WHS Manager – South Australia

0427 351 323

caroline@safeagsystems.com

www.safeagsystems.com

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