

# Good to Go

## Health and Safety Competency - Foundation Framework

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DRAFT



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### 1. Introduction

This framework document allows those who design and contribute to primary industry health and safety training content to align with Safer Farms Health and Safety Competency assessment for Foundation requirements. The intent is to make it easy for training content to meet the knowledge and aptitude requirements that candidates need to pass the online assessment.

The framework was developed by a collaboration between ALHSAG and the wider agricultural industry.

The framework has been divided into module headings that match the Good to Go Foundation assessment structure.

## **2. Candidate minimum required knowledge**

Candidates undertaking a Good to Go Foundation Health and Safety Competency Assessment should have undertaken some form of health and safety training aligned to this framework.

## **3. Test framework**

The framework for the Good to Go Foundation Health and Safety Competency Assessment is outlined on the following pages.

## **4. Test summary**

The test for this framework has 60 questions, which will cover all aspects of the framework.

To achieve this competency, a candidate must score 85% (51 correct questions) or more.

## **5. Additional components**

Following the theory assessment, this competency requires successful candidates to be peer checked at work at least 30 times every year with an 85% satisfactory outcome.

Where candidates cannot demonstrate ongoing competency through at work assessment over this period, a candidate is required to undertake this Good to Go assessment again.

Risk Area	Identified risk	Controls	Expected knowledge outcome (Candidate can...)	Learning outcome
<b>General Health and Safety awareness</b>	Undertaking work without understanding of the responsibilities of workers, employers and volunteers.	Health and Safety at Work Act Sections: <ul style="list-style-type: none"> <li>• 36 (primary duty of care)</li> <li>• 45 (duty of workers)</li> <li>• 83 (right to cease work)</li> </ul>	Workers can communicate the legal duties of an employer	1.01
			Workers can relay the legal duties and rights of a worker	1.02
			Can communicate the need to be properly informed and / or trained prior to undertaking a new work activity, or entering a new work place	1.03
			Can communicate when it is not safe to start work	1.04
			Can identify common safety signage on farm	1.05
			Can communicate the importance of reporting new health and safety issues	1.06
<b>Impairment</b>	Fatigue		Can recognise common signs of fatigue in themselves or others	2.01
			Can communicate action to be taken when recognising fatigue in the workforce	2.02
			Can communicate simple self care steps to be taken to manage risk of fatigue (e.g. rest, hydration, nutrition)	2.03
	Drugs & Alcohol		Can communicate action to be taken when identifying the influence of drugs (including	2.04

			prescription medication) or alcohol in the workforce	
	Mental Wellness		Can recognise common indicators of mental wellbeing being impaired in themselves or others	2.05
			Can communicate action to be taken when recognising signs of impaired mental wellbeing in themselves or others	2.06
<b>Physical handling</b>	Loading / Unloading activities		Can identify common risks and controls associated with loading and unloading activities on farm, including stop work action	3.01
	Repetitive movements		Can identify common risks and controls associated with repetitive movements on farm, including regular task rotation and stop work action	3.02
	Manual movement of materials or livestock		Can identify common risks and controls associated with the movement of materials and types of livestock on farm	3.03
	Use of hand held powered equipment on farm		Can identify the common risks and controls when using hand held powered equipment on farm, including: <ul style="list-style-type: none"> <li>• Vibration</li> <li>• Noise</li> <li>• Selection of PPE</li> <li>• Chemical exposure</li> <li>• Musculoskeletal risks</li> <li>• Exposure limits</li> </ul>	3.04

	Use of hand tools		Can identify the common risks and controls when using hand held tools on farm, including: <ul style="list-style-type: none"> <li>• Vibration</li> <li>• Noise</li> <li>• Dust</li> <li>• Musculoskeletal risks</li> <li>• Exposure limits</li> <li>• Cuts and lacerations</li> <li>• Pinch points</li> <li>• Airborne debris</li> <li>• Selection of PPE</li> </ul>	3.05
<b>Hazardous materials</b>	Identification of hazardous materials in storage	Hazardous material signage, Worker training in line with Worksafe guidance: Managing your hazardous substances, Worksafe guide: Working safely with chemical and fuels on farms.	Can identify common signage for hazardous substances	4.01
			Can communicate safe storage processes for chemicals and hazardous substances	4.02
			Can communicate stop work and safe return to work actions for unidentified hazardous materials	4.03
	Use of chemicals	Safety Data Sheets, Job safety plans	Can identify safe use of hazardous substances from Safety Data Sheet	4.04
			Can explain controls when use of hazardous substances falls outside of agreed safety process	4.05

	Interaction with naturally occurring hazardous materials		Can identify common types of naturally occurring hazardous materials and areas where they are likely to be encountered, stop work and safe return to work actions	4.06
	Health issues caused by exposure to dust or inhaled hazardous materials		Can identify common farm risks and controls where harmful dust/fumes are likely to be encountered, stop work and safe return to work actions	4.07
<b>Remote working and emergency situations</b>	Responding to emergencies in remote areas		Can explain common remote working procedures including: <ul style="list-style-type: none"> <li>• Communication methods</li> <li>• Emergency procedures</li> </ul>	5.01
			Can communicate common emergency procedures in farming environments including; <ul style="list-style-type: none"> <li>• Recognise the limits of their training in emergency situations</li> <li>• Demonstrates awareness of responsibility to report an emergency situation</li> <li>• Recognise there may be further risk to themselves in emergency situations</li> </ul>	5.02
			Escalate and communicate issues relating to emergency procedures and equipment	5.03
			Basic knowledge of fire extinguishers that can cause further risk if used	5.04
			Recognise that they need to be trained to use emergency equipment	5.05
			Recognise common emergency signage on site	5.06

			Recognises other workers creating risks of an emergency situation and takes appropriate action	5.07
<b>Exposure</b>	Long term health impacts from exposure to sunlight		Can identify a hierarchy of controls when exposed to harmful rays	6.01
	Acute health impacts from exposure to cold and heat		Can identify the common risks and controls when planning identifies a risk of exposure to cold, heat or adverse conditions.	6.02
<b>Changing work environment</b>	Travelling across weather effected work areas		Can explain and relay the risks and changing controls that must be applied when travelling to a work area following a change in the access routes caused by weather conditions, including: <ul style="list-style-type: none"> <li>• Changing water levels</li> <li>• Changing water speeds</li> <li>• Wet pasture</li> <li>• Wet/sticky farm lanes</li> <li>• Land saturation</li> <li>• Snow</li> <li>• Frost</li> <li>• Drought</li> <li>• Dry tinder</li> <li>• High winds</li> <li>• Storm damage</li> </ul>	7.01
			Can explain the risks and hierarchy of controls that must be applied when using vehicles to access work areas following a change in the access routes caused by weather conditions.	7.02



			<p>Can relay the stop work action when access routes may present a significant risk to safety of workers, including;</p> <ul style="list-style-type: none"> <li>• No start processes</li> <li>• Emergency contact procedures</li> <li>• Shelter in place controls</li> <li>• Stop work, make safe procedures</li> </ul>	7.03
	Undertaking work in weather changeable work areas		<p>Can explain the considerations when undertaking work in weather changeable work areas, considering:</p> <ul style="list-style-type: none"> <li>• Stop work actions</li> <li>• Egress risks and control limits</li> <li>• Type of vehicles, equipment or tools to be used</li> <li>• Shelter in place provisions</li> </ul>	7.04
	Undertaking the same type of work in new work areas		<p>Can identify the risks and controls when entering a new work area whilst undertaking the same type of work, including differing:</p> <ul style="list-style-type: none"> <li>• Contour (e.g. rolling terrain, steep paddocks, hill country vs flat paddocks)</li> <li>• machinery types</li> <li>• types of guarding</li> <li>• work processes</li> <li>• proximity to machinery, plant, services, animals</li> <li>• changed access and egress routes</li> <li>• tools and equipment</li> <li>• reporting processes</li> </ul>	7.05

	Undertaking work around water that presents a risk of drowning (e.g. farm dams, natural water features, irrigation and effluent ponds)		Can identify the risk and controls for common farm water hazards.	7.06
			Can explain the considerations when undertaking work around farm water, including: <ul style="list-style-type: none"> <li>• Stop work actions</li> <li>• Limits of own capability</li> </ul>	7.07
<b>Working around plant, vehicles and machinery</b>	Being hit by moving plant or vehicles on farm		Can relay best practice to segregate vehicles from people	8.01
			Can identify safe distances from vehicles or operating plant when encountered	8.02
			Can explain reporting and escalation process when controls are breached, or new risks emerge	8.03
			Can explain safe personal positioning when working on slopes or uneven ground when a risk of person v plant/vehicle is present	8.04
			Can identify plant/vehicles capacity to carry passengers and the safety controls that should be installed	8.05
	Working in close proximity to plant		Worker can explain exclusion zones when working around plant	8.06
			Can identify guarding, or requirements for guarding around plant.	8.07

			Can recognise the limit of their own competency to operate, or be involved in the operations of plant	8.08
			Can relay stop work and reporting process when new risks are presented	8.09
			Can explain how to communicate safely with plant operators, including: <ul style="list-style-type: none"> <li>• Remain in sight of operator</li> <li>• Agreed communication method</li> <li>• Stop work actions</li> <li>• Method of approach</li> <li>• Identification of 'Live' working plant</li> <li>• Understanding controls which make plant inactive safely (Locked out)</li> </ul>	8.10
	Working in close proximity to farm machinery		Worker can explain exclusion zones when working around machinery	8.11
			Can identify guarding, or requirements for guarding around farm machinery.	8.12
			Can recognise the limit of their own competency to operate, or be involved in the operations of machinery	8.13
			Can relay stop work and reporting process when new risks are presented	8.14
			Can explain how to work safely when in proximity to farm machinery, including: <ul style="list-style-type: none"> <li>• Remain in sight of operator</li> <li>• Stop work actions</li> <li>• Identify emergency shut down buttons or processes</li> <li>• Identification of 'Live' machinery</li> </ul>	8.15

			<ul style="list-style-type: none"> <li>• Understanding controls which make machinery inactive safely (Locked out)</li> <li>• Identify signage</li> </ul>	
			Can identify the limit of their own competency to maintain, repair, or alter operation of any machinery	8.16
<b>Interaction with livestock</b>	Working in proximity to animals within fenced areas	Worksafe topics: Working with animals. <a href="http://www.worksafe.govt.nz">www.worksafe.govt.nz</a>	Can identify common character traits of livestock	9.01
			<p>Can identify common risks and controls when working in proximity to livestock and animals, including:</p> <ul style="list-style-type: none"> <li>• Physical warning signs</li> <li>• Safe egress process</li> <li>• Safe proximity when working amongst livestock</li> <li>• Identification of bringing additional risks into fenced areas e.g. carrying feed, personal body language, entering flight zones</li> </ul>	9.02
	Encountering animals whilst undertaking other work		Can identify common character traits of livestock and other animals, including high risk animals (e.g. bulls)	9.03
			<p>Can identify common risks and controls when working in proximity to livestock and animals, including:</p> <ul style="list-style-type: none"> <li>• Physical warning signs</li> <li>• Safe egress process</li> </ul>	9.04

<b>Working around live services</b>	Digging around services		Can identify safety signage relating to buried or underground services	10.01
			Can explain stop work action if underground services are discovered	10.02
	Working near overhead power lines	<p>Worksafe guide: working around power lines on rural properties.</p> <p>Worksafe information sheet: Working safely near overhead electric power lines</p>	<p>Can identify risks and control measures when working close to overhead power lines, including:</p> <ul style="list-style-type: none"> <li>• Identification of safety signage</li> <li>• Safe working distances</li> <li>• Selection of access equipment</li> <li>• Limits of own competency</li> <li>• 'No start' process</li> </ul>	10.03
	Working with electrical tools in non-enclosed work areas		<p>Can recognise the risks and safety controls when using electrical tools and appliances in non-enclosed (Outside) work areas, including:</p> <ul style="list-style-type: none"> <li>• Selection of tools</li> <li>• Pre start checks on tools and equipment</li> <li>• Remove from service actions</li> <li>• Limitations of use</li> <li>• Own competency to use tools</li> <li>• Basic understanding of Residual-Current Devices (RCD)</li> </ul>	10.04
<b>Height work</b>	Using access equipment (EWP, Scaffold, Ladders)		Can identify common risks and controls for types of access equipment	11.01
			Worker can recognise the limits of their own competency to work at height and the need for specific training and verification of competency to use access equipment	11.02

			Can explain 'no go' actions when asked to use access equipment beyond their competency	11.03
		Worksafe guide: working around power lines on rural properties. Worksafe information sheet: Working safely near overhead electric power lines	Can explain the control considerations when presented with work area hazards at height, e.g power lines, overhead obstacles requiring clearances, egress plans, suitability of clothing or PPE	11.04
	Working in areas that present a risk of falling between levels	Worksafe guide: Preventing slips, trips and falls on farms.	Can identify common situations on farm that create risks of falling between levels	11.05
			Can identify signage indicating a risk from height work	11.06
			Worker can recognise the limits of their own competency to work at height and the need for specific training and verification of competency for height work (e.g. milk/grain silos, centre pivot irrigators)	11.07
			Can implement a hierarchy of control considerations when working in areas that present a risk of falls	11.08
<b>Restricted and confined spaces</b>	Operating in confined areas where gases can build up (Silos, Plant rooms, enclosed areas lacking ventilation)	Worksafe guide: Confined spaces – Planning entry and working safely a confined space.	Can identify a confined space and explain the associated risks and controls	12.01
			Can recognise safety signage indicating confined or restricted spaces	12.02

			Can identify the limits of their own competency to undertake work in a confined space, including 'No start' action.	12.03
	Operating in proximity to moving objects and animals, closely fenced areas		Can identify the risks and hierarchy of controls when working in proximity to moving objects in enclosed areas	12.04
			Can explain the need for specific training and competency assessment for activities presenting significant risk beyond a workers competency	12.05
			Can communicate 'No start', 'Stop work' and emergency procedures, including safe return to work process.	12.06
	Entering a confined area which presents the risk of asphyxiation from engulfment	Worksafe guide: Confined spaces – Planning entry and working safely a confined space.	Can identify the risks of entering a confined space and engulfment in a stored free flowing solid or liquid (e.g. grain in silos)	12.07
			Can identify the limits of their own competency to undertake work in a confined space, including no start action; understands need for lock out process	12.08
<b>Operating plant, vehicles and machinery</b>	Operating farm plant		Worker can recognise the limits of their own competency and the need for specific training and verification of competency to operate specific plant	13.01
	Operating vehicles		Worker can recognise the limits of their own competency and the need for specific training and verification of competency or licencing to operate different vehicles	13.02

	Operating specialist farm machinery		Worker can recognise the limits of their own competency and the need for specific training and verification of competency to operate specialist farm machinery	13.03
	Long term health effects caused by exposure to vibration		Can identify plant, vehicles and machinery that can cause vibration	13.04
			Can recognise risks and controls when working with vibrating equipment: <ul style="list-style-type: none"> <li>• Specific safe system of work</li> <li>• Exposure limits</li> <li>• Engineering controls</li> <li>• Personal Protective Equipment</li> </ul>	13.05
			Can explain stop work procedure	13.06
	Health effects caused by noise from machinery or plant	Worksafe guide: Preventing noise induced hearing loss on farms.	Can identify plant, vehicles and machinery that can cause noise	13.07
			Can recognise risks and controls when working with noisy equipment: <ul style="list-style-type: none"> <li>• Specific safe system of work</li> <li>• Exposure limits</li> <li>• Engineering controls</li> </ul> Personal Protective Equipment	13.08
			Can explain stop work procedure	13.09