



QUALIFICATIONS PACK - OCCUPATIONAL STANDARDS FOR AGRICULTURE AND ALLIED INDUSTRY



Contents

Introduction and Contact	[1]
Qualification Pack	[2]
Glossary of Key Terms	[3]
OS Units	[5]
Annexure: Nomenclature for QP & OS	[18]
Assessment Criteria	[20]

Introduction

Qualifications Pack – Greenhouse Operator

SECTOR: AGRICULTURE AND ALLIED **SUB-SECTOR:** Agriculture Crop Production **OCCUPATION:** Precision Farming **REFERENCE ID:** AGR/Q1003 ALIGNED TO: NCO-2015/NIL operations involved in greenhouse.

Greenhouse Operator: The individual plays a critical role in executing various

Brief Job Description: The individual is responsible for various operations involved in raising seedlings/plantlets under controlled environment in the greenhouse.

Personal Attributes: This job requires the individual to work specifically as per the instructions of the supervisor. The individual should be laborious and should have inclination to new learnings. Requires clarity and should be result oriented. The individual should also be able to demonstrate skills of using various tools and keep records as required.

What are **Occupational** Standards(OS)?

OS describe what individuals need to do, know and understand in order to carry out a particular job role or function

OS are performance standards that individuals must achieve when carrying out functions in the workplace, together with specifications of the underpinning knowledge and understanding

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Qualifications Pack Code	AGR/Q1003		
Job Role	Gi	reenhouse Operator	
Credits(NSQF)	TBD	Version number	1.0
Sector	Agriculture And Allied	Drafted on	12/01/16
Sub-sector	Agriculture Crop Production	Last reviewed on	21/01/16
Occupation	Precision Farming	Next review date	31/03/20
NSQC Clearance on		05/02/2018	

Job Role	Greenhouse Operator (Also known as Greenhouse Worker)	
Role Description	The operator is responsible for raising plantlets/ seedlings and maintain the required environment in the greenhouse	
NSQF level	3	
Minimum Educational Qualifications	5 th Standard Pass Preferable	
Maximum Educational Qualifications	Not Applicable	
Training (Suggested but not mandatory)	On Job Training	
Minimum Job Entry Age	18 years	
Experience	Not Applicable	
Applicable National Occupational Standards (NOS)	 Compulsory: AGR/N1007 Operate and maintain various greenhouse components AGR/N1008 Manage greenhouse operations AGR/N9903 Maintain Health & Safety at the workplace Optional: NA 	
Performance Criteria	As described in the OS unit	







	Keywords /Terms	Description	
•	Sector	Sector is a conglomeration of different business operations having similar businesses and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.	
5	Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components	
	Occupation	Occupation is a set of job roles, which perform similar/related set of functions in an industry.	
F	Function	Function is an activity necessary for achieving the key purpose of the sector, occupation, or area of work, which can be carried out by a person or a group of persons. Functions are identified through functional analysis and form the basis of OS.	
J	lob Role	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.	
(OS	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the knowledge and understanding they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.	
F	Performance Criteria	Performance Criteria are statements that together specify the standard of performance required when carrying out a task.	
١	NOS	NOS are Occupational Standards which apply uniquely in the Indian context.	
	Qualifications Pack Code	Qualifications Pack Code is a unique reference code that identifies a qualifications pack.	
(Qualifications Pack	Qualifications Pack comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A Qualifications Pack is assigned a unique qualification pack code.	
l	Jnit Code	Unit Code is a unique identifier for an Occupational Standard, which is denoted by an 'N'.	
ι	Unit Title	Unit Title gives a clear overall statement about what the incumbent should be able to do.	
[Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.	
	Knowledge and Understanding	Knowledge and Understanding are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard.	
(Organizational Context	Organizational Context includes the way the organization is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.	
	Technical Knowledge	Technical Knowledge is the specific knowledge needed to accomplish specific designated responsibilities.	
	Core Skills or Generic Skills	Core Skills or Generic Skills are a group of skills that are key to learning and working in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.	







	Keywords /Terms	Description
S	ΤΙΟ	On Job Training
ym	OS	Occupation Standard
LO.	NOS	National Occupation Standard
Acr	NSQF	National Skills Qualification Framework
	Agr	Agriculture







AGR/N1007

Operate & maintain various greenhouse components

National Occupational Standard



Overview

This unit is about operating and maintaining various greenhouse components.









Operate & maintain various greenhouse components

Unit Code	AGR/N1007	
Unit Title (Task)	Operate & maintain various greenhouse components	
Description	This OS unit is about operating and maintaining various greenhouse components	
Scope	This unit/task covers the following:	
	 Understand the working of various greenhouse components 	
	Maintain the required environment in the greenhouse	
Performance Criteria(PC) w.r.t. the Scope		
Element	Performance Criteria \ Skill Set	
Understand the working of various greenhouse components	 To be competent, the user / individual on the job must be able to: PC1. understand various components of greenhouse: galvanized structure, covering, cooling system, exhaust fan, heating system, motorized shading net/ thermal net, fogging/sprinkler system, drip system, control panel, motorized ventilation PC2. get familiarized with the working of different components of greenhouse 	
Maintain the required environment in the greenhouse	 To be competent, the user / individual on the point must be able to: PC3. ensure personal hygiene by using of gloves, masks, goggles, boots, etc. whenever required PC4. check all tools and equipments before operating them PC5. perform all procedures and follow work instructions for controlling operational risks PC6. ensure the entire system is shut-off before leaving in the evening PC7. take care to avoid water logging in greenhouse PC8. check the level of water in the tanks daily PC9. maintain temperature, humidity, light on daily basis as per the crop requirement PC10. maintain the temperature with the help of cooling pad and fan as per the crop and season PC11. maintain humidity by the operation of foggers as per the crop & season PC12. ensure proper ventilation through exhaust fan/ motorized ventilation PC13. position and regulate greenhouse irrigation systems to water plants PC14. set up irrigation systems in soil-less growing media PC15. maintain boilers, furnaces, electrical systems and fans 	







AGR/N1007	Operate & maintain various greenhouse components
A. Organizational Context	 The individual on the job needs to know and understand: KA1. Effective working relationships and how to work effectively with co workers, farmers and seniors KA2. Organizational / farmers / customer's needs and time management
B. Technical Knowledge	 The individual on the job needs to know and understand: KB1. Various types of green house, their components and functions KB2. Basics of the system design KB3. Standard Procedures to operate a green house KB4. Irrigation Products KB5. Operation and maintenance of various components/equipments for green house KB6. Basics of crop cultivation / package of practices KB7. Ideal environment required for crop growth
Skills (S)	
A. Core Skills/ Generic Skills	Writing Skills The individual on the job needs to know and understand how to: SA1. mention the data which are required for record keeping purpose and maintain the crop calendar SA2. report problems to the appropriate personnel in a timely manner Reading Skills The individual on the job needs to know and understand how to: SA3. get updated about the latest technologies used in precision farming by reading the newspaper and magazines SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and product information sheets Oral Communication (Listening and Speaking skills) The individual on the job needs to know and understand how to: SA5. maintain effective working relationships SA6. communicate clearly and effectively with others like customers, co workers, company representatives, seniors and various other stakeholders SA7. understand information and grasp its meaning SA8. seek advice from seniors
B. Professional Skills	Decision Making The individual on the job needs to know and understand how to: SB1. make decisions pertaining to the concerned area of work SB2. identify problems that may arise in carrying out tasks and take preventative action following workplace procedures Plan and Organize The individual on the job needs to know and understand how to: SB3. plan and schedule various operations









AGR/N1007	Operate & maintain various greenhouse components
	Customer Centricity
	The individual on the job needs to know and understand how to:
	SB4. manage relationships with co-workers and other farmers
	Problem Solving
	The individual on the job needs to know and understand how to:
	SB5. think through the problem, evaluate the possible solution(s) and suggest an optimum /best possible solution(s)
	SB6. identify creative and innovative quick solutions to resolve delays
	Analytical Thinking
	The individual on the job needs to know and understand how to:
	SB7. monitor and maintain the condition of tools and equipment for set up, maintaining and running the poly house
	SB8. monitor the environment inside the poly house and maintain manually
	SB9. apply, analyze, and evaluate the information gathered from observation,
	Critical Thinking
	The individual on the job needs to know and understand how to:
	SB10. take up one's own learning

NOS Version Control

NOS Code		AGR/N1007	
Credits(NSQF)	TBD	Version number	1.0
Sector	Agriculture And Allied	Drafted on	12/01/16
Sub-sector	Agriculture Crop Production	Last reviewed on	21/01/16
Occupation	Precision Farming	Next review date	31/03/20









Manage greenhouse operations

National Occupational Standard



Overview

This unit is about managing greenhouse operations such as planting/transplanting, propogating and raising of seedlings for various purposes.









Manage greenhouse operations

Unit Code	AGR/N1008
Unit Title (Task)	Manage greenhouse operations
Description	This OS unit is about managing various greenhouse operations such as planting/transplanting, propogating, and raising of seedlings for various purposes such as primary & secondary hardening (for tissue culture) and harvesting as market produce.
Scope	 This unit /task covers the following: Undertake various operations Monitor & document various operations
Performance Criteria(P	C) w.r.t. the Scope
Element	Performance Criteria \ Skill Set
Undertake various operations	 To be competent, the user / Individual on the job must be able to: PC1. receive planting material PC2. understand the type and quantity of plants to grow or stock (for example, cut or potted flowers, bedding plants, vegetables, plant varieties) PC3. determine the environmental conditions required to grow the selected plants and set planting and care schedules coordingly PC4. prepare soil or soil-less peat mix growing medium for planting PC5. plant bulbs, seeds and cuttings, graft plants, transplant seedlings and rooted cuttings grade-wise PC6. label each batch of plantlets indicating plant species/ variety, date of transplanting etc PC7. train and prune plants PC8. apply irrigation and schedule fertigation according to the crop requirement PC9. identify and control problems caused by insects, rodents, plant diseases or nutritional deficiencies PC10. remove weeds & off types, spray plants with pesticides and apply fertilizers PC11. ensure safe handling, use, storage and disposal of pesticides PC12. harvest/grade the crop as per the standards/ supervisor's instructions
Monitor and document various operations	 To be competent, the user / individual on the job must be able to: PC13. record the details of plantlets received & transplanted- plant species/ variety, Accession Number of clone/genotype, batch of production, no of plant lets, date of transplanting etc in the greenhouse register PC14. monitor the plantlets regularly for their growth and presence of any infestation/infection/off types PC15. remove the off types & dead plantlets promptly to avoid attack by saprophytic fungi and record the plantlet mortalities in green house register PC16. carry out vector monitoring at periodic intervals and record the same in the specified manner







AGR/N1008	Manage greenhouse operations
	 PC17. record any kind of treatment given to the plants such as application of fertilizers or micro-nutrientsprays or application of pesticides indicating date/time of application, fertiliser or other chemicals applied, dosage rate and if pesticides applied (including botanicals and microbial pesticides), pest against which applied and name/sign of applicator. PC18. maintain the greenhouse register
Knowledge and Under	
A. Organizational Context	 The individual on the job needs to know and understand: KA1. Effective working relationships and how to work effectively with co workers, customers and seniors KA2. Organizational / farmers / customer's needs and time management
B. Technical Knowledge	 The individual on the job needs to know and understand: KB1. Various types of green house, their components and functions KB2. Basics of crop cultivation / package of practices KB3. Crop calendar KB4. Irrigation Products KB5. Integrated Pest & Disease management KB6. Integrated Nutrient Management KB7. Operation and maintenance of various equipment of green house KB8. Basics of crop cultivation / package of practices
Skills (S)	
A. Core Skills/ Generic Skills	Writing Skills The individual on the job needs to know and understand how to: SA1. mention the data which are required for record keeping purpose and maintain the process identification sheet SA2. report problems to the appropriate personnel in a timely manner
	Reading Skills
	 The individual on the job needs to know and understand how to: SA3. get updated about the latest technologies used in precision farming by reading the newspaper and magazines SA4. keep abreast with the latest knowledge by reading brochures, pamphlets, and product information sheets
	Oral Communication (Listening and Speaking skills)
	 The individual on the job needs to know and understand how to: SA5. maintain effective working relationships SA6. communicate clearly and effectively with others like customers, co workers, company representatives, seniors and various other stakeholders SA7. understand information and grasp its meaning SA8. seek advice from seniors
B. Professional	Decision Making







GR/N1008	Manage greenhouse operations
Skills	The individual on the job needs to know and understand how to:
	SB1. make decisions pertaining to the concerned area of work
	SB2. identify problems that may arise in carrying out tasks and take preventative
	action following workplace procedures
	Plan and Organize
	The individual on the job needs to know and understand how to:
	SB3. plan and schedule various greenhouse operations
	Customer Centricity
	The individual on the job needs to know and understand how to:
	SB4. manage relationships with co-workers and other farmers
	Problem Solving
	The individual on the job needs to know and understand how to:
	SB5. think through the problem, evaluate the possible solution(s) and suggest an optimum /best possible solution(s)
	SB6. Identify creative and innovative guick solutions to resolve delays
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	Analytical Thinking
	The individual on the job needs to know and project and how to:
	SB7. monitor and maintain the condition of tools and equipment for set up,
	maintaining and running the poly house
	SB8. monitor the environment inside the poly house
	SB9. apply, analyze, and evaluate the information gathered from observation,
	experience, reasoning, or communication, as a guide to thought and action Critical Thinking
	The individual on the job needs to know and understand how to:
	SB10. take up one's own learning
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Manage greenhouse operations

NOS Version Control

NOS Code	AGR/N1008			
Credits(NSQF)	TBD	Version number	1.0	
Sector	Agriculture And Allied	Drafted on	12/01/16	
Sub-sector	Agriculture Crop Production	Last reviewed on	21/01/16	
Occupation	Precision Farming	Next review date	31/03/20	











Maintain Health & Safety at the workplace

National Occupational Standard



Overview

This unit is about maintaining health & safety of self and others at the workplace.







AGR/N9903	Maintain Health & Safety at the workplace
Unit Code	AGR/N9903
Unit Title (Task)	Maintain Health & Safety at the workplace
Description	This OS is for the cultivator who is responsible for maintaining health and safety of self and others co workers at workplace
Scope	 This unit/task covers the following: Maintain clean and efficient workplace Render appropriate emergency procedures
Performance Criteria (PC) w.r.t. the Scope
Element	Performance Criteria
Maintaining clean and efficient workplace	 To be competent, the individual must be able to: PC1. undertake basic safety checks before operation of all machinery and vehicles and hazards are reported to the appropriate supervisor PC2. work for which protective clothing or equipment is required is identified and the appropriate protective clothing or equipment is used in performing these duties in accordance with workplace policy. PC3. read and understand the hazards of use and contamination mentioned on the labels of pesticides/fumigants etc PC4. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practice. PC5. use equipment and materials safely and correctly and return the same to designated storage when not in use PC6. dispose of waste safely and correctly in a designated area PC7. recognise risks to bystanders and take action to reduce risk associated with jobs in the workplace PC8. perform your work in a manner which minimizes environmental damage all procedures and work instructions for controlling risk are followed closely. PC9. report any accidents, incidents or problems without delay to an appropriate
Render appropriate emergency procedures	person and take necessary immediate action to reduce further danger. To be competent, the individual must be able to: PC10. follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions to emergency. PC11. follow emergency procedures to company standard / workplace requirements
	 PC12. use emergency equipment in accordance with manufacturers' specifications and workplace requirements PC13. provide treatment appropriate to the patient's injuries in accordance with recognized first aid techniques PC14. recover (if practical), clean, inspect/test, refurbish, replace and store the first aid equipment as appropriate







AGR/N9903	Maintain Health & Safety at the workplace
	PC15. report details of first aid administered in accordance with workplace
	procedures.
Knowledge and Unders	tanding (K)
A. Maintain clean and efficient workplace	 The user/individual on the job needs to know and understand: KA 1. personal hygiene and fitness requirements KA 2. your general duties under the relevant health and safety legislation KA 3. what personal protective equipment and clothing should be worn and how it is cared for KA 4. the correct and safe way to use materials and equipment required for your work
	KA 5. the importance of good housekeeping in the workplace KA 6. safe disposal methods for waste KA 7. methods for minimizing environmental damage during work
B. Render	The user/individual on the job needs to know and understand:
appropriate emergency procedures	KA 8. the risks to health and safety and the measures to be taken to control those risks in your area of work KA 9. workplace procedures and requirements for the treatment of workplace
p	injuries/illnesses. KA 10. basic emergency first aid procedure KA 11. local emergency services KA 12. why accidents, incidents and problem hould be reported and the appropriate action to take
Skills (S)	
A. Core Skills/ Generic Skills	Writing Skills The user/individual on the job needs to know and understand how to:
	 SA1. mention the data which are required for record keeping purpose SA2. report problems to the appropriate personnel in a timely manner SA3. write descriptions and details about incidents in reports
	Reading Skills
	The user/individual on the job needs to know and understand how to: SA4. read instruction manual for hand tool and equipments
	Oral Communication (Listening and Speaking skills)
	 The user/individual on the job needs to know and understand how to: SA5. communicate clearly and effectively with others like farmers, concerned officer/stakeholders SA6. comprehends information shared by senior people and experts
B. Professional Skills	Decision Making
	The user/individual on the job needs to know and understand how to: SB1. make decisions pertaining to types of tools to be used SB2. identify need of first aid and render it accordingly
	Plan and Organize







AGR/N9903	Maintain Health & Safety at the workplace
	The user/individual on the job needs to know and understand how to:
	SB3. schedule daily activities and drawing up priorities; allocate start times,
	estimation of completion times and materials, equipment and assistance
	required for completion.
	Customer Centricity
	The user/individual on the job needs to know and understand how to:
	SB4. manage relationships with co-workers and managers of the who may be
	stressed, frustrated, confused or angry
	Problem Solving
	The user/individual on the job needs to know and understand how to:
	SB5. identify problems immediately and take up solutions quickly to resolve delays
	Analytical Thinking
	The user/individual on the job needs to know and understand how to:
	SB6. monitor and maintain the condition of tools and equipment
	SB7. assess situation & identify appropriate control measures
	Critical Thinking
	The individual on the job needs to know and understand how to: SB8. take up one's own learning







Maintain Health & Safety at the workplace

NOS Version Control

NOS Code	AGR/N9903		
Credits(NSQF)	TBD	Version number	1.0
Sector	Agriculture And Allied	Drafted on	25/02/14
Sub-sector	Agriculture Crop Production	Last reviewed on	15/03/15
Occupation	Precision Farming	Next review date	31/03/16









<u>Annexure</u>

Nomenclature for QP and NOS







The following acronyms/codes have been used in the nomenclature above:

	Range of Occupation
Sub-sector	numbers
Agriculture Crop Production	01 – 40
Dairying	41 – 42
Poultry	43 – 44
Animal Husbandry	45 – 48
Fisheries	49 – 51
Agriculture Allied Activities	52 – 60
Forestry, Environment and Renewable Energy	61 - 70
Management	
Agriculture Industries	71 – 90
Generic Occupations	96 - 99

Sequence	Description	Example		
Three letters	Industry name	AGR		
Slash	/	/		
Next letter	Whether QP or NOS	Q or N		
Next two numbers	Occupation code	01		
Next two numbers	OS number	01		

Note:

- The range of occupation numbers have been decided based on the number of existing and future occupations in a segment
- Occupation numbers from 91 95 have been intentionally left blank to accommodate any emerging segment in future







CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role Greenhouse Operator

Qualification Pack AGR/Q1003

Sector Skill Council Agriculture

Guidelines for Assessment:

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC

2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.

3. Assessment will be conducted for all compulsory NOS, as well as the selected elective NOS/set of NOS. OR

3. Assessment will be conducted for all compulsory NOS, as well as the selected optional NOS/set of NOS.

4. Individual assessment agencies will create unique question papers for theory part for each candidate at each

examination/training center (as per assessment criteria below)

5. Individual assessment agencies will create unique evaulations for skill practical for every student at each examination/training center based on this criteria

6. To pass the Qualification Pack , every trainee should score a minimum of 50% of aggregate marks to successfully clear the assessment.

7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack

Assessable Outcomes	Assessment Criteria	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	
1. AGR/N1007 Operate & maintain various greenhouse components	PC1. understand various components of greenhouse: galvanized structure, covering, cooling system, exhaust fan, heating system, motorized shading net/ thermal net, fogging/sprinkler system,		_			
	drip system, control panel, motorized ventilation PC2. get familiarized with the working of different components of greenhouse		5	3	2	
	PC3. ensure personal hygiene by using of gloves, masks, goggles, boots, etc. whenever required		5	2	3	
	PC4. check all tools and equipments before operating them		5	3	2	
	PC5. perform all procedures and follow work instructions for controlling operational risks		5	2	3	
	PC6. ensure the entire system is shut-off before leaving in the evening		2	1	1	
	PC7. take care to avoid water logging in greenhouse	85	5	3	2	



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	PC8. check the level of water in the tanks daily		5	3	2
	PC9. maintain temperature, humidity, light on daily basis as per the crop requirement		5	2	3
	PC10. maintain the temperaturewith the help of cooling pad and fan as per the crop and season		5	3	2
	PC11. maintain humidity by the operation of foggers as per the crop & season		5	2	3
	PC12. ensure proper ventilation through exhaust fan/ motorized ventilation		5	2	3
	PC13. position and regulate greenhouse irrigation systems to water plants		5	2	3
	PC14. set up irrigation systems in soil-less growing media		5	3	2
	PC15. maintain boilers, furnaces, electrical systems and fans		5	2	3
	PC16. operate & maintain various greenhouse equipments like water treatment machines, carbon dioxide generators and ultraviolet sterilizers etc		8	2	6
	PC17. clean & place all the tools & equipments at the designated places after use		5	3	2
			85	41	44
2. AGR/N1008 Manage	PC1. receive planting material		5	2	3
greenhouse operations	PC2. understand the type and quantity of plants to grow or stock (for example, cut or potted flowers, bedding plants, vegetables, plant varieties)		5	4	1
	PC3. determine the environmental conditions required to grow the selected plants and set planting and care schedules accordingly		5	3	2
	PC4. prepare soil or soil-less peat mix growing medium for planting		5	2	3
	PC5. plant bulbs, seeds and cuttings, graft plants, transplant seedlings and rooted cuttings grade-wise		10	4	6
	PC6. label each batch of plantlets indicating plant species/ variety, date of transplanting etc		5	2	3
	PC7. train and prune plants		5	2	3
	PC8. apply irrigation and schedule fertigation according to the crop requirement	100	5	2	3



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Total	200	200	90	110
		15	6	9
PC15. report details of first aid administered in accordance with workplace procedures.		1	1	0
PC14. recover (if practical), clean, inspect/test, refurbish, replace and store the first aid equipment as appropriate		1	0	1
PC13. provide treatment appropriate to the patient's injuries in accordance with recognized first aid techniques		1	0	1
PC12. use emergency equipment in accordance with manufacturers' specifications and workplace requirements		1	0	1
PC11. follow emergency procedures to company standard / workplace requirements		1	1	0
PC10. follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions to emergency.		1	1	0
PC9. report any accidents, incidents or problems without delay to an appropriate person and take necessary immediate action to reduce further danger.		1	0	1
PC8. perform your work in a manner which minimizes environmental damage all procedures and work instructions for controlling risk are followed closely.		1	0	1
PC7. recognise risks to bystanders and take action to reduce risk associated with jobs in the workplace		1	1	0
PC6. dispose of waste safely and correctly in a designated area		1	0	1
PC5. use equipment and materials safely and correctly and return the same to designated storage when not in use		1	0	1
PC4. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practice.		1	0	1