



# Model Curriculum

## Service & Maintenance Technician-Farm Machinery

SECTOR: AGRICULTURE & ALLIED SUB-SECTOR: AGRICULTURE CROP PRODUCTION OCCUPATION: FARM MACHINERY EQUIPMENT OPERATION & MAINTENANCE REF ID: AGR/Q1106, V1.0 NSQF LEVEL: 4











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### **Service & Maintenance Technician-Farm Machinery**

#### **CURRICULUM / SYLLABUS**

This program is aimed at training candidates for the job of a "<u>Service & Maintenance Technician-Farm</u> <u>Machinery</u>", in the "<u>Agriculture & Allied</u>" Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Service & Maintenance Technician-Farm Machinery		
Qualification Pack Name & Reference ID. ID	AGR/Q1106, v1.0		
Version No.	1.0	Version Update Date	
Pre-requisites to Training	10 <sup>th</sup> Standard Appeared	d or Passed	
Training Outcomes	<ul> <li>Identify/famil equipment: U machines and</li> <li>Identify the operation: pro</li> <li>Undertake se testing of repa</li> <li>Undertake ma checking, servi</li> <li>Practice healt and safety mea</li> </ul>	programme, participants with different ty Juderstand the working of their components Problems/defects/ troub ocedure to assess wear tears ervicing of farm machine ired farm machine equipme aintenance of farm machine icing and maintenance h & safety at the work place asures in terms of personal a o Dangerous Machinery Reg	<b>ppes of farm machine</b> f different types of farm <b>ole / in farm machine</b> and faults findings. es: rectifying the defects, nts etc <b>nes:</b> procedure for periodic ce: Well versed with health is well as others' safety and





This course encompasses 5 out of 5 National Occupational Standards (NOS) of "Service and Maintenance Technician-Farm machinery" Qualification Pack issued by "<u>Agriculture Skill Council of India</u>".

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	Introduction Theory Duration (hh:mm) 05:00 Practical Duration (hh:mm) 00:00 Corresponding Code Bridge Module	<ul> <li>Understand General Discipline in the class room (Do's &amp; Don'ts)</li> <li>Scope &amp; importance of Farm Mechanization in India</li> <li>Get acquainted with different types of Farm Machineries and their usage &amp; working</li> <li>Understand the role of a Service &amp; Maintenance Technician-Farm Machinery and the progression pathways</li> </ul>	Laptop, white board, marker, projector and video films
2	Serviceand maintenance of tillage and soil farming equipmentsTheory Duration (hh:mm) 06:00Practical Duration (hh:mm) 50:00Corresponding Code AGR/N1119NOS Code AGR/N1119	<ul> <li>Develop awareness about tillage and soil farming equipment</li> <li>Identify different components of tillage and soil farming equipments and Tractor Hitching Systems.</li> <li>Identify constructional material of different components of equipment</li> <li>Service and maintain the mould board plough,</li> <li>Adjust the settings of mould board plough</li> <li>Service and maintain the disc harrow</li> <li>Service and maintain the Cultivator</li> <li>Service and maintain the Lazer leveller</li> <li>Identify the causes/fault</li> <li>Prepare a sequence of repair activities</li> <li>Dismantle the equipment</li> <li>Locate the component to be replaced/repaired</li> <li>Cut defective component</li> <li>Replace/repair the defective component</li> </ul>	Mould board plough, disc plough, disc harrow, cultivator, tools such as screw driver set, pliers set, hammer set, set of chisels, set of files, hand hacksaw, set of spanners, set of sockets, set of pullers, pipe wrench, adjustable screw wrench, chisel set, tongs, hand grease gun, bench vice, micrometer, vernier callipers, screw jack, hydraulic jack, air compressor, washing machine, pullers, anvil, cotton jute etc
3	Service and maintenance of seed drills and planters Theory Duration (hh:mm) 08:00	<ul> <li>Develop awareness about seed drills and planters</li> <li>Identify the different components of seed drills and planters</li> <li>Service and maintain the seed and fertilizer boxes</li> <li>Service and maintain the drive/power transmission system</li> </ul>	Seed drill, planter, metering Systems for seed & Fertilizers, furrow openers, tools such as screw driver set, pliers set, hammer set, set of chisels, set of files, hand hacksaw, set of







Sr. No.	Module	Key Learning Outcomes	Equipment Required
	Practical Duration (hh:mm) 30:00 Corresponding NOS Code AGR/N1120	<ul> <li>Service and maintain the seed metering mechanisms</li> <li>Service and maintain the fertilizer metering mechanisms and Seed/ fertilizer tubes and furrow openers</li> <li>Calibrate of seed drill and planter</li> <li>Identify and assessment wear tear/faulty components</li> <li>Procedure to replace/repair the defective component</li> </ul>	spanners, set of sockets, set of pullers, pipe wrench, adjustable screw wrench, chisel set, tongs, hand grease gun, bench vice, micrometer, vernier callipers, screw jack, hydraulic jack, air compressor, washing machine, bearing pullers, anvil, cotton jute etc Stop watch, Power cutter, Drill machine
4	Service and maintenance of plant protection equipments Theory Duration (hh:mm) 08:00 Practical Duration (hh:mm) 30:00 Corresponding NOS Code AGR/N1121	<ul> <li>Develop awareness of different types of plant protection equipments</li> <li>Identify the different components of plant protection equipments</li> <li>Service and maintain the plant protection equipments</li> <li>Carry out maintenance of pump assembly, pressure regulator</li> <li>Follow safety and precaution while handling chemicals for Storage and preperation</li> <li>Clean the tank, nozzle and filters strainers and delivery hoses using clean water</li> <li>Inspect delivery hose joints, pump lever and lock nut connecting the piston and leve for cracks &amp; leakages and take corrective actions</li> <li>Lubricate the plunger rod and piston parts</li> <li>Check and assess the wear and tear of gaskets, piston rings and washers and replace if required</li> <li>Check the belt tension</li> <li>Inspect parts like nuts and bolts and carry out repairs as and when required</li> <li>Calibrate the equipment and set it</li> <li>Observe safety rules and precaution while disposal of chemicals</li> </ul>	Sprayer, duster, power sprayer, tools such as screw driver set, pliers set, hammer set, set of chisels, set of files, hand hacksaw, set of spanners, set of sockets, set of pullers, pipe wrench, adjustable screw wrench, chisel set, tongs, hand grease gun, bench vice, micrometer, vernier callipers, screw jack, hydraulic jack, air compressor, washing machine, pullers, anvil, cotton jute etc Power cutter, Drill machine, Patternator
5	Service and maintenance of harvesting ,threshing and post-harvest machineries/equipmen ts	<ul> <li>Develop awareness to harvesting ,threshing and post-harvest machineries/ equipments</li> <li>Identify different components of harvesting, threshing and post-harvest machineries/ equipments</li> <li>Service and maintain the power reapers</li> </ul>	Reaper, thresher, reaper binders, cleaners/ graders, milling machinery, <del>oil</del> sugarcane crushers and chaff cutters. drying equipment, dal mill, rice







Sr.	Module	Key Learning Outcomes	Equipment Required
No.	Theory Duration         (hh:mm)         08:00         Practical Duration         (hh:mm)         40:00         Corresponding       NOS         Code         AGR/N1122	<ul> <li>Service and maintain the power threshers</li> <li>Service and maintain the post-harvest machines</li> <li>Carry out adjustments of reapers, threshers and post-harvest equipment</li> <li>Identify common faults, repair and replace</li> </ul>	mill, flour mill, Tools such as screw driver set, pliers set, hammer set, set of chisels, set of files, hand hacksaw, set of spanners, set of sockets, set of pullers, pipe wrench, adjustable screw wrench, chisel set, tongs, hand grease gun, bench vice, micrometer, vernier callipers, screw jack, hydraulic jack, air compressor, washing machine, bearing pullers, anvil, cotton jute etc Power cutter, Drill machine
6	MaintainHealth&SafetyattheworkplaceTheory Duration(hh:mm)10:00Practical Duration(hh:mm)10:00CorrespondingNOSCodeAGR/N9903NOSTotal Duration:Theory DurationTheory Duration(hh:mm)45:00Practical Duration(hh:mm)160:00		Laptop, white board, marker, projector, , Personal protective equipment Like: Helmet / head gear, Cotton / woollen safety gloves, Safety boots, Safety Harness; First Aid Kit: Bandages, Adhesive bandages, Betadine Solution / ointment, Pain relief spray / ointment, Antiseptic liquid; Phone directory, Search lights, fire extinguisher

Grand Total Course Duration: 205 Hours, 0 Minutes

(This syllabus/ curriculum has been approved by <u>Agriculture Skill Council of India)</u>





# Trainer Prerequisites for Job role: "Service and Maintenance Technician-Farm machinery" mapped to Qualification Pack: "AGR/Q1106, v1.0"

Sr. No.	Area	Details
1	Description	Trainer is responsible for educating the trainees – Different types of Farm Machineries, their usage & working, Service and Maintenance of Farm machineries, Safety & hygiene at the workplace
2	Personal Attributes	Trainer should be Subject Matter Expert. He/ she should have good communication, leadership, observation and practical oriented skills.
3	Minimum Educational Qualifications	Diploma/ITI in Agriculture Engineering
4a	Domain Certification	Certified for Job Role: "Service and Maintenance Technician-Farm machinery" mapped to QP: <u>"AGR/Q1106, v1.0"</u> . Minimum accepted score is 80%.
4b	Platform Certification	Recommended that the Trainer is certified for the Job Role: "Trainer", mapped to the Qualification Pack: "MEP/Q0102". Minimum accepted % as per respective SSC guidelines is 80%.
5	Experience	<ul> <li>M. Tech (Ag. Engg/Mech/ Farm Mechanization)</li> <li>B. Tech (Ag. Engg/Mech/ Farm Mechanization)</li> <li>B Sc Agriculture with 2 years of total work experience out of which 1 year of relevant work experience</li> <li>Diploma (Ag. Engg/Mech/Farm Mechanization) with 3 Years relevant experience</li> <li>Diploma in Agriculture with 5 years of relevant work experience</li> <li>ITI/ Vocational pass out in Agricultural machinery/Mechanical with 5 years experience in relevant field</li> </ul>





#### Annexure: Assessment Criteria

Assessment Criteria	
Job Role	Service and Maintenance Technician-Farm machinery
Qualification Pack	AGR/Q1106, v1.0
Sector Skill Council	Agriculture

Sr. No.	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	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre(as per assessment criteria below)
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre based on this criteria
5	To pass the Qualification Pack, every trainee should score a minimum of 70% in aggregate
6	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack







			Marks Allocation			
Assessment outcomes	/ issessifient enterna	Total Marks	Out Of	Theory	Skills Practical	
1.AGR/N1119 Carry out service and maintenance of tillage and soil farming	PC1.	check the following mouldboard plough plough adjustments	-			
equipments		<ul> <li>level of the plough</li> </ul>				
		<ul> <li>horizontal suction</li> </ul>		4	1	3
		<ul> <li>vertical suction</li> </ul>				
		— draft of the plough				
	PC2.	check for loose nuts and bolts and replace worn out nuts and bolts		3	1	2
	PC3.	take the bar point and if shares are dull, assign them to a mechanic		3	1	2
	PC4.	clean the plough and apply a layer of used oil for rust prevention in case it has not been used for a long time		4	1	3
	PC5.	check the following disc plough adjustments				
		<ul> <li>cutting angle (set the disc angle to 42-45 degrees and the tilt angle to 15-25 degrees)</li> </ul>				
		<ul> <li>width of cut adjustment</li> </ul>		4	1	2
PC6		— level of the plough		1	3	
		— scrapper depth				
		— draft of disc plough				
	PC6.	check the bearings and tighten castle nuts until the disc binds the hub		3	1	2





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PC	7. change the nipple, if soil has entered in the grease nipple	3	1	2
PC	C8. grease all the greasing points with grease gun and tighten all nuts and bolts after every 50 hours	3	1	2
	C9. open the hub of disc plough and cleanse it with diesel oil, pump in new grease and replace its seal after 300 hours of operation	4	1	3
PC	C10. loosen degree of hub if the diameter of disc is reduced and replace the disc if diameter of disc reduced to the maximum limits given in Repair maintenance manual.	4	1	3
PC	11. keep the bearings lubricated as per instructions in the manual	3	1	2
PC	12. ensure that high quality grease is used in bearing housing, coulter hub and bushes	3	1	2
PC	13. inspect the disc gang angle and gang assembly and replace damaged gang bearings	3	1	2
PC	14. inspect the scrapper assembly and ensure discs are sharp	3	1	2
PC	15. replace any broken or cracked discs, spools having broken flanges and gang- bolts	3	1	2
PC	16. inspect the dept control mechanism	3	1	2
PC	C17. inspect the disc spacing, disc diameter	3	1	2
PC	C18. check the angle of hitch and hitch parts and replace worn out or missing pins, nuts and bolts of hitch parts	4	2	2
PC	19. inspect all joints and all bolts and nuts, pins for tightness	3	1	2
PC	220. replace worn - out and broken bolts and weld broken joints	3	1	2
PC	21. lubricate bearing assembly and mating parts using grease or oil	3	1	2







	PC22. grease all greasing points after every fifty hours with grease gun and tighten all nuts and bolts	4	1	3
	PC23. open the hub of disc plough and cleanse it with diesel oil, pump in new grease and replace its seal and after 300 hours of operation	4	1	3
	PC24. clean and wash cultivator to remove accumalation of soil, trash or grease on the harrow	4	1	3
	PC25. inspect the level of the cultivator and ensure all the shovels touch the floor	3	1	2
	PC26. inspect the shovel for wear or damage and angle of shovel points and replace as needed	4	1	3
	PC27. inspect spacing of tynes and ensure uniform spacing by moving tynes on the bolt holes and frame	4	1	3
	PC28. inspect for loose bolts and nuts and broken and worn-out parts and tighten or replace as required	4	1	3
	PC29. lubricate all nuts and bolts using high quality lubricant	4	1	3
		100	30	70
2.AGR/N1120 Carry out service and maintenance of seed drills and planters	PC1. empty the seed and fertilizer cups by opening the flow gates and rotating the drive wheel	4	1	3
	PC2. clean the boxes and cups with the help of a cloth or a brush	4	1	3
	PC3. wash the machine rollers/seed/fertilizer boxes with diesel to avoid rusting and apply lubrication oil at bushes and sides of metering rollers	5	2	3
	PC3. ensure free motion of drive and feed shafts	4	1	3
	PC4. apply grease in case they are jammed	4	1	3
	PC5. inspect the axle of wheel and replace if it is worn out or bent	4	1	3
	PC6. ensure that all sprockets are tightened to their shafts to ensure free movement	4	2	2
	PC7. ensure alignment of sprockets of drive wheel and feed shafts, chain and idler sprocket	4	1	3
	PC8. empty the small seed boxes by opening lower flow gates	4	1	3
	PC9. remove the ring from the shaft and check the rings and spoons	4	1	3







	attached to the rings			
	-			
	PC10. inspect the health of the rings and spoons attached to the rings	4	1	3
	PC11. ensure placement of rings at equal			
	distance in the seedcups, during re- fititng	4	2	2
	PC12. rotate the sprocket until desired seed rate is achieved from the rings	4	1	3
	PC13. empty the fertilizer and clean the whole system with a brush or cloth and with diesel to prevent rusting	5	2	3
	PC14. ensure free movement of lever on both side of fertilizer box	4	1	3
	PC15. tighten all nuts and bolts of the mechanism	4	1	3
	PC16. inspect the health of the tubes and replace if necessary	4	1	3
	PC17. ensure clamping of tubes to seed/fertilizer cups	4	1	3
	PC18. ensure there are no bends in the tubes and that tubes are protected from bending and breakage	5	2	3
	PC19. inspect the bed shaper and carry out adjustments	4	1	3
	PC20. check the seed rate and fertilizer rate post maintenance	4	1	3
	PC21. inspect the calibration of seeding equipments and adjust accordingly	4	1	3
	PC22. inspect the slackness of belt drive and adjust tension by laterally shifting on a dragbar, post maintenance of power drive	5	2	3
	PC23. inspect the furrow openers and ridgers and set the furrow openers to desired spacing	4	1	3
		100	30	70
3.AGR/N1121 Carry out service and maintenance	PC1. remove the nozzle and clean tank using clean water	7	2	5
of plant protection equipments	PC2. inspect the tank for leakage by immersing in water and gas	7	2	5
	PC3. clean the strainers and delivery hozes using clean water	7	2	5
	PC4. rinse the nozzle with clear water and replace back	7	2	5
	PC5. inspect delivery hoze joints and take corrective actions	7	2	5
	PC6. inspect the pump assembly, plunger rod, piston parts and take corrective actions	7	2	5
	PC7. lubricate the plunger rod and piston parts	7	2	5
	PC8. inspect the wear and tear of gaskets , piston rings and washers	7	2	5







	and replace if required			
	PC9. inspect the pump lever and lock nut connecting the piston and lever	7	3	4
	and take corrective actions if required			
	PC10. check the belt tension and by pass and cut off valve if sprayer is power/ engine controlled and replace if required	8	2	6
	PC11. inspect other body parts like nuts and bolts and carry out repairs as and when required	7	2	5
	PC12. ensure caliberation of the equipment post maintenance	7	2	5
	PC13. ensure availability of protective devices such as face mask, respirators, hand gloves, boots before carrying out repair or maintenance	8	2	6
	PC14. ensure availability of first aid kit near place of work	7	3	4
		100	30	70
4. AGR/N1122 Carry out	PC1. inspect and clean the guards	3	1	2
service and maintenance of harvesting, threshing	PC2. inspect the conveyor belt for damages and replace if necessary	2	0.5	1.5
and post-harvest machineries/equipments	PC3. check the tension of v-belt over the roller pulley	3	1	2
	PC4. inspect the cutter bar, knife, star wheels, pressure springs and lugs for damage and take correctiveactions	3	1	2
	PC5. lubricate all moving parts	3	1	2
	PC6. repaint surface where paint has worn off	2	0.5	1.5
	PC7. clear the thresher of any grain, chaff by idle operation	2	0.5	1.5
	PC8. disconnect the source of prime mover	2	0.5	1.5
	PC9. inspect the feeding unit (chute, hopper, conveyor) for damage	3	1	2
	PC10. dismantle the feeding unit by removing the bolts and nuts	3	1	2
	PC11. remove the bearings and housings on the main shaft	3	1	2
	PC12. remove the main shaft using a tripod or a jib crane and dismantle the flywheel, threshing cylinder and blower fan	3	1	2
	PC13. inspect the concave, threshing cylinder and blower fan for damage and take corrective action	3	1	2
	PC14. take out the sieves from the frame and crank mechanism and inspect	3	1	2







	for damage and replace if necessary			
-	PC15. clean all the parts with a brush or a cloth	2	0.5	1.5
-	PC16. assemble the parts as per manufacturer instruction	3	1	2
	PC17. ensure tightening of all nuts and bolts	2	0.5	1.5
	PC18. ensure greasing and oiling of bearings and other parts as per the recommendations in the manufacturer manual	3	1	2
-	PC19. identify the main parts of cleaners/ graders, milling machinery, oil expelling machinery, sugarcane crushers and chaff cutters	3	1	2
	PC20. dismantle and assemble various components of a cleaner / grader, drying equipment, dal mill, rice mill, flour mill, spice mills, oil expelling machines and chaff cutters	3	0.5	2.5
	PC21. inspect the the sieves, hoppers, oscilating mechanism for damages and carry out replacement if necessary	3	1	2
-	PC22. inspect the drying chamber, heating system and air distribution system of a dryer and carry out replacement, if necessary	3	1	2
	PC23. inspect the various components of mlls and oil expelling machines and carry out replacement, if necessary	3	1	2
	PC24. inspect the feeding chute, drive mechanism, blade sharpness and gear condition and carry out replacement, if necessary	3	1	2
	PC25. check the tension of reel belt and ensure connection of drive pulley key and the belt	3	1	2
-	PC26. adjust height of reel to ensure proper gathering	2	0.5	1.5
-	PC27. adjust cut length by making changes to belt tension and blade sharpening	2	0.5	1.5
-	PC28. inspect the binding and tying and adjust the twine tension using spring loaded screw-bolt	3	1	2
-	PC29. inspect the bundle size and make adjusments to the tension in trigger spring	3	1	2
-	PC30. ensure cylinder-concave clearance and sieve slope as per manufacturer manual	3	1	2
	PC31. check the speed of blower/aspirator, stroke length and	3	0.5	2.5







			•		
		speed of sieves and speed of threshing cylinder			
	DC33	carry out adjustments in cleaner			
	FCJZ.	feed rate, sieve slope, sieve			
			2	0.5	25
		selection, air flow rate, frequency	3	0.5	2.5
		and ampltitude of oscillations to			
		ensure appropriate efficiency			
	PC33.	carry out adjustments to air			
		temperature, air flow rate and grain	3	0.5	2.5
		flow rate in dryer for efficient use			
	PC34.	carry out adjustments to plating			
		space, rpm, screen size, spacing			
		between rubber rolls, etc. for	3	1	2
		efficient use of mills			
	DC 35	carry out adjustments to feeding			
	FCJJ.		2	1	2
		roller gap, cutting gap in chaff	3	1	2
		cutters to ensure efficient use			+
	PC36.	carry out adjustment of oil			
		ghani/hydraulic press by		1	
		adjusting/aligning feed rate,	3	1	2
		operating pressure, moisture	ر ار	1	
		content and temperature of			
		oilseeds			
			100	30	70
5. AGR/N9903 Maintain	PC1.	undertake basic safety checks			
health and safety at the		before operation of all machinery			
workplace		and vehicles and report all potential	6	2	4
		hazards to the supervisor			
	PC2	identify work for which protective			
	1 C2.	clothing or equipment is required			
			7	2	5
		and perform those duties in			
		accordance with workplace policy			-
	PC3.				
		use and contamination mentioned	7	2	5
		on the labels of	7	2	5
			7	2	5
	PC4.	on the labels of	7	2	5
	PC4.	on the labels of pesticides/fumigants, etc. assess risks prior to performing			
	PC4.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work	7 7	2 2 2	5
	PC4.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently			
		on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices			
	PC4. PC5.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely			
		on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same			
		on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in	7	2	5
	PC5.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use	7	2	5
		on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use	7	2	5
	PC5. PC6.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area	7 7	2	5
	PC5.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area recognize risks to bystanders and	7 7	2	5
	PC5. PC6.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area	7 7 6	2 2 2 2 2	5 5 4
	PC5. PC6.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area recognize risks to bystanders and	7 7	2	5
	PC5. PC6.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area recognize risks to bystanders and take action to reduce risk associated with jobs in the	7 7 6	2 2 2 2 2	5 5 4
	PC5. PC6. PC7.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area recognize risks to bystanders and take action to reduce risk associated with jobs in the workplace	7 7 6	2 2 2 2 2	5 5 4
	PC5. PC6.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area recognize risks to bystanders and take action to reduce risk associated with jobs in the workplace	7 7 6	2 2 2 2 2	5 5 4 5
	PC5. PC6. PC7.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area recognize risks to bystanders and take action to reduce risk associated with jobs in the workplace perform work in a manner which minimizes environmental damage	7 7 6	2 2 2 2 2	5 5 4
	PC5. PC6. PC7.	on the labels of pesticides/fumigants, etc. assess risks prior to performing manual handling jobs, and work according to currently recommended safe practices use equipment and materials safely and correctly and return the same to designated storage when not in use dispose off waste safely and correctly in a designated area recognize risks to bystanders and take action to reduce risk associated with jobs in the workplace	7 7 6 7	2 2 2 2 2	5 5 4 5







			1	
followed closely				
PC9. report any accidents, incidents or problems without delay to an appropriate person and take necessary immediate action to reduce further danger		7	2	5
PC10. follow procedures for dealing with accidents, fires and emergencies, including communicating location and directions for emergency evacuation		7	2	5
PC11. follow emergency procedures to company standard / workplace requirements		6	2	4
PC12. use emergency equipment in accordance with manufacturers' specifications and workplace requirements		7	2	5
PC13. provide treatment appropriate to the patient's injuries in accordance with recognized first aid techniques		7	2	5
PC14. recover (if practical), clean, inspect/test, refurbish, replace and store the first aid equipment as appropriate		6	2	4
PC15. report details of first aid administered in accordance with workplace procedures.		6	2	4
		100	30	70
TOTAL	500	500	150	350
Percentage Weightage			30%	70%
Minimum Pass% to qualify (aggregate):			70%	·