

AGRICULTURAL EQUIPMENT TECHNICIAN

NOA STRUCTURE - 2012		Moved to	RSOS PROPOSED STRUCTURE - 2021		Moved from
Block A	COMMON OCCUPATIONAL SKILLS		MWA A	PERFORMS COMMON OCCUPATIONAL SKILLS	
Task 1	Performs safety-related functions		Task 1	Performs safety-related functions	
1.01	Uses personal protective equipment (PPE) and safety equipment.	1.02	1.01	Maintains safe work environment	1.02
1.02	Maintains safe work environment.	1.01	1.02	Uses personal protective equipment (PPE) and safety equipment	1.01
Task 2	Performs common work practice and procedures		Task 2	Performs routine work practices	
2.01	Conducts operational tests.		2.01	Conducts operational tests	2.01
2.02	Maintains fluids, lubricants and coolants.		2.02	Maintains fluids, lubricants and coolants	
2.03	Services filters.		2.03	Services filters	
2.04	Maintains hoses, tubing and fittings.		2.04	Maintains hoses, tubing and fittings	
2.05	Services bearings/bushings and seals.		2.05	Services bearings, bushings and seals	
2.06	Uses fasteners, sealing devices, adhesives and gaskets.		2.06	Uses fasteners, sealants, adhesives and gaskets	
2.07	Cleans components.		2.07	Cleans components	
2.08	Verifies equipment and components repairs.		2.08	Verifies equipment and components repairs	
2.09	Plans daily tasks.	3.02	2.09	Performs failure analysis	
2.10	Performs failure analysis.	2.09			
			Task 3	Organizes work	
			3.01	Uses documentation	new
			3.02	Plans daily tasks	2.09
Task 3	Uses and maintains tools and equipment		Task 4	Uses and maintains tools and equipment	
3.01	Maintains tools and equipment	4.01	4.01	Uses tools and equipment	3.01
3.02	Uses hoisting, lifting and securing equipment		4.02	Uses hoisting, lifting and securing equipment	3.02
3.03	Uses computers for diagnostics and programming.	4.03	4.03	Uses electronic devices and systems for diagnostics and programming	3.03
			Task 5	Uses communication and mentoring techniques	NEW
			5.01	Uses communication techniques	
			5.02	Uses mentoring techniques	
Block B	ENGINES AND ENGINE SUPPORT SYSTEMS		MWA B	DIAGNOSES AND REPAIRS ENGINES AND ENGINE SUPPORT SYSTEMS	
Task 4	Diagnoses engine and engine support systems.		Task 6	Diagnoses engines and engine support systems	
4.01	Diagnoses base engine.		6.01	Diagnoses base engines	
4.02	Diagnoses lubrication system.		6.02	Diagnoses lubrication systems	
4.03	Diagnoses cooling system.		6.03	Diagnoses cooling systems	
4.04	Diagnoses intake and exhaust system.		6.04	Diagnoses intake and exhaust systems	
4.05	Diagnoses fuel delivery system.		6.05	Diagnoses fuel delivery systems	
4.06	Diagnoses engine management systems.		6.06	Diagnoses engine management systems	
4.07	Diagnoses emissions control systems		6.07	Diagnoses emissions control systems	

Task 5	Repairs engine and engine support systems.		Task 7	Repairs engines and engine support systems	
5.01	Repairs base engine.		7.01	Repairs base engines	
5.02	Repairs lubrication system.		7.02	Repairs lubrication systems	
5.03	Repairs cooling system.		7.03	Repairs cooling systems	
5.04	Repairs intake and exhaust system.		7.04	Repairs intake and exhaust systems	
5.05	Repairs fuel delivery system.		7.05	Repairs fuel delivery systems	
5.06	Repairs engine management systems.		7.06	Repairs engine management systems	
5.07	Repairs emissions control systems		7.07	Repairs emissions control systems	
BLOCK C	DRIVE TRAIN		MWA C	DIAGNOSES AND REPAIRS DRIVE TRAINS	
Task 6	Diagnoses drive train		Task 8	Diagnoses drive trains	
6.01	Diagnoses dry clutches.		8.01	Diagnoses dry clutches	
6.02	Diagnoses driveline systems and components.		8.02	Diagnoses driveline systems and components	
6.03	Diagnoses wet clutches, transmissions and gear cases.		8.03	Diagnoses wet clutches, transmissions and gear cases	
6.04	Diagnoses differentials and final drives.		8.04	Diagnoses differentials and final drives	
Task 7	Repairs drive train		Task 9	Repairs drive trains	
7.01	Repairs dry clutches.		9.01	Repairs dry clutches	
7.02	Repairs driveline systems and components.		9.02	Repairs driveline systems and components	
7.03	Repairs wet clutches, transmissions and gear cases.		9.03	Repairs wet clutches, transmissions and gear cases	
7.04	Repairs differentials and final drives.		9.04	Repairs differentials and final drives	
BLOCK D	HYDRAULIC, HYDROSTATIC AND PNEUMATIC SYSTEMS		MWA D	DIAGNOSES AND REPAIRS HYDRAULIC, HYDROSTATIC AND PNEUMATIC SYSTEMS	
Task 8	Diagnoses hydraulic, hydrostatic and pneumatic systems.		Task 10	Diagnoses hydraulic, hydrostatic and pneumatic systems	
8.01	Diagnoses hydraulic and hydrostatic systems.		10.01	Diagnoses hydraulic and hydrostatic systems	
8.02	Diagnoses pneumatic systems.		10.02	Diagnoses pneumatic systems	
Task 9	Repairs hydraulic, hydrostatic and pneumatic systems.		Task 11	Repairs hydraulic, hydrostatic and pneumatic systems	
9.01	Repairs hydraulic and hydrostatic systems.		11.01	Repairs hydraulic and hydrostatic systems	
9.02	Repairs pneumatic systems.		11.02	Repairs pneumatic systems	
BLOCK E	ELECTRICAL AND ELECTRONIC SYSTEMS		MWA E	DIAGNOSES AND REPAIRS ELECTRICAL AND ELECTRONIC SYSTEMS	
Task 10	Diagnoses electrical/electronic power and control monitoring systems.		Task 12	Diagnoses electrical/electronic power and control monitoring systems	
10.01	Diagnoses electrical power and control monitoring systems		12.01	Diagnoses electrical power and control monitoring systems	
10.02	Diagnoses electronic power and control monitoring systems		12.02	Diagnoses electronic power and control monitoring systems	
Task 11	Repairs electrical/electronic power and control monitoring systems.		Task 13	Repairs electrical/electronic power and control monitoring systems	
11.01	Repairs electrical power and control monitoring systems		13.01	Repairs electrical power and control monitoring systems	
11.02	Repairs electronic power and control monitoring systems		13.02	Repairs electronic power and control monitoring systems	
BLOCK F	STEERING, SUSPENSION AND BRAKES		MWA F	DIAGNOSES AND REPAIRS STEERING, BRAKES AND SUSPENSION	
Task 12	Diagnoses steering and brake systems.		Task 14	Diagnoses steering and brake systems	

