

List of Competencies

Std	LOC- Advanced Robotics Systems (Plan Code: DPMSEARS)	Module
01	Conduct inspection on equipment and system components	M1
02	Implement maintenance procedures	M1
03	Repair equipment and system components	M1
04	Generate 2D drawing	M2
05	Create 3D model	M2
06	Prepare technical data package	M2
07	Maintain optimal workplace conditions	M3
08	Implement risk management	M3
09	Coordinate maintenance work	M3
10	Monitor performance of equipment and system components	M3
11	Set-up mechanical equipment and system	M4
12	Perform testing and commission of mechanical equipment and system	M4
13	Install mechanical components	M4
14	Conduct testing on sensors and monitoring systems	M5
15	Troubleshoot faults, malfunctions and maintenance issues	M5
16	Perform rectification of systems components	M5
17	Calibrate equipment and system components	M5
18	Conduct testing on robotics system	M6
19	Program robot positions	M6
20	Configure robotic system parameters	M6
21	Identify opportunities to improving robotic processes	M11
88	Apply.safety.protocols.specific.to.robotic.work.environments	M77
89	Analyse.real_time.data.collected.from.robotic.system.performance	M77
80	Configure.robotic.system.parameters.to.optimal.operation.performance	M78
8①	Program.robot.to.perform.handling.operations	M78
8②	Maintain.robotic.systems	M78
8③	Operate.humanoid.™.quadruped.robot:interfaces.for.basic.tasks	M79
8④	Conduct.routine.maintenance.checks.on.humanoid.™.quadruped.robot.components	M79
8⑤	Assist.in.setting.up.humanoid.™.quadruped.robots.for.demonstrations.or.basic.applications	M79
96	Support.troubleshooting.of.humanoid.™.quadruped.robots	M79
97	Set.up.and.troubleshoot.robotic.systems.according.to.workflows.and.specifications	M70
98	Integrate.sensors.and.actuator.control.within.automated.control.systems	M70
99	Integrate.industrial.robots.with.modular.systems	M70
ARS	Total No. of Competencies (Standard) that Company can provide	33