AUTOMOBILE COLOUR TECHNICIAN

Source: National competency Standard
(Competency Standards Code No: G50S019)
National Certificate at NVQ Levels in the occupation of
AUTOMOBILE COLOUR TECHNICIAN will be awarded to those who are competent in
U01+U02+U03+U04+U05+U06+U07+U08+U09 – G50S019Q1L4 - NVQ Level 4



NAITA Training Division

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Unit of Competency	Elements of Competence	Module and Module No.
01. Make Colours for overall painting of automobile G50S019U04	1.1 Set up for Prepare colour	Respond to customer needs and enquiries - M 04
	1.2 Check the colour code and YOM (Year of manufacture)	
	1.3 Identify the colour requirement	
	1.4 Prepare the colour	
02. Develop colour for panel or overall painting of automobile G50S019U05	2.1 Set up for develop colour	Color Introduction - M 08
	2.2 Prepare the sample to observe the colour	
	2.3 Scan the sample panel to get the colour cord	
	2.4 Compare the sample with colour cards/own colour bank /colour map	
	2.5 Eye match the sample	
03. Maintain own colour Bank G50S019U06	3.1 Develop formula	Computer driving - M 09
	3.2 Keep records	
04. Maintain colour mixing machine and other related equipment G50S019U07	4.1 Set up for maintain machine and equipment	Workshop practice - M 05
	4.2 Maintain colour mixing machine	Units and measurement - M 06
	4.3 Update of the software	Handling of Painting material /Maintaining Paint shop - M 07
	4.4 Maintain spray gun and its accessories	Operating and maintaining colour processing machines and equipment - M 10
	4.5 Maintain weighing scale	
05. Advise to use refinishing materials G50S019U08	5.1 Explain mixing procedure	Paint Process - M 11
	5.2 Explain Use of material in refinishing	Chemicals and materials used in paint process - M 12
	5.3 Explain health and safety precautions	
06. Rectify issues in refinishing G50S019U09	6.1 Set up for carry out issues in refinishing	Paint defects and solutions - M 13
	6.2 Rectify paint defects	
	6.3 Rectify Application errors	
	6.4 Rectify environmental defects	

Basic Modules

01. Occupational Safety & Health M 01
02. Communication Skills for Workplace M 02
03. Language Literacy M 03
04. Workshop Calculation & Science M 14

Related Knowledge for Automobile Colour Technician Knowledge

01. Make Colours for overall painting of automobile G50S019U04

- Occupational Health Safety
- Computer software and it updates
- Tinters/Colour
- Mixing machine
- Weighing machine
- Colour system
- Operational manual
- Basic mathematics
- Level of the temperature at the mixing room

02. Develop colour for panel or overall painting of automobile G50S019U05

- Occupational Health and Safety
- Computer software
- Tinters/Colour
- Mixing machine and its operation
- Weighing machine
- Colour system
- Operational manual
- Basic mathematics
- Colour direction
- Paint mixing equipment calibration

03. Maintain own colour Bank G50S019U06

- Occupational Health and Safety
- Computer software
- Tinters/Colour
- Mixing machine
- Weighing machine
- Colour system
- Operational manual
- Basic mathematics
- Colour direction
- Record keeping

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04. Maintain colour mixing machine and other related equipment G50S019U07

- Occupational Health and safety
- Reading of operational manuals
- Mixing machine
- Weighing scale
- Spray gun
- Lubrications
- Compressed air
- Regulations related high pressure vessel
- Updating paint softwere
- Insolation of safety attachment of machine and equipment

05. Advise to use refinishing materials G50S019U08

- Occupational Health and safety
- Reading of operational manual
- Different types of Paint and coatings
- Solvents
- Detergents
- Abrasive material
- Adhesive material

06. Rectify issues in refinishing G50S019U09

- Paint defects
- Occupational Health and safety
- Reading of operational manual
- Different types of Paint and coatings
- Solvents
- Detergents
- Abrasive material
- Adhesive material
- Environmental effects
- Effect of expired paint and paint materials

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