



MAURITIUS QUALIFICATIONS AUTHORITY

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NATIONAL CERTIFICATE

LEVEL 3

IN

AUTOMOTIVE SPRAY PAINTING

NATIONAL CERTIFICATE LEVEL 3 IN AUTOMOTIVE SPRAY PAINTING

- 1. Level: 3
- 2. Credits: 120
- 3. Review Date: June 2021

4. Access to qualification

4.1 Entry Information

National Certificate of Education (NCE)

4.2 Recognition of Prior Learning [RPL]

Applicant holding at least 3 years' experience in the field should apply for RPL on the prescribed Application Form.

5. Award of Qualification Requirements

Compulsory

All the unit standards listed are required:

Unit No	Unit Standard Title	Level	Credits
GENERAL			
au/04/0001/03	Demonstrate knowledge of hand tools and workshop equipment for motor industry applications	3	3
au/04/0002/03	Demonstrate knowledge of fastening systems used in the motor industry	3	2
au/04/0003/03	Demonstrate knowledge of adhesives and sealants used in the motor body industry	3	4
au/04/0004/03	Demonstrate knowledge of vehicle identification plates and specifications	3	2
au/04/0006/03	Demonstrate safety precautions on vehicles fitted with air bags and/or seatbelt pre-tensioners	3	3
au/01/0005/03	Select and use hand tools and workshop equipment for an automotive application	3	2
au/04/0007/03	Select and use fastening systems in the motor industry	3	3
au/04/0008/03	Use and maintain power tools and equipment in the motor body industry	3	2

au/04/0009/03	Select and use adhesives and sealants for vehicle bodywork applications	3	3
au/04/0010/03	Detail and groom a vehicle	3	4
SPRAY PAINTING			
au/07/0001/03	Demonstrate and apply knowledge of preparing a vehicle body surface for painting, and preparing bare metal	3	6
au/06/0006/03	Demonstrate and apply knowledge of primers, fillers, and sealers in the automotive refinishing industry	3	6
au/06/0007/03	Demonstrate and apply knowledge of automotive spray guns, spraying and spray gun defects, and spray gun maintenance	3	6
au/07/0002/03	Demonstrate and apply knowledge of fillers, and filling and sanding a repair in the motor body industry	3	6
au/07/0003/03	Demonstrate and apply knowledge of colours and finish coats in the motor body industry	3	6
au/07/0004/03	Demonstrate and apply knowledge of paint defects in the automotive refinishing industry	3	6
au/07/0005/03	Demonstrate and apply knowledge of methods of and precautions when removing paint from vehicle body panel surfaces	3	6
au/04/0027/03	Remove paint from vehicle panels	3	3
au/070006/03	Demonstrate and apply knowledge of masking, and primers, and primer fillers in the motor body industry	3	6
au/04/0029/03	Prepare a painted surface and prepare bare metal for painting in the motor body industry	3	3
au/04/0030/03	Use a spray gun to apply top coats to vehicle panels, maintain a spray gun and equipment, and rectify spray gun defects	3	4
au/04/0031/03	Apply finish coats of paint to a complete panel in the motor body industry	3	3
au/04/0032/03	Use and maintain spray guns in the motor body industry	3	3
GENERIC			
hs/02/0049/04	Apply ethics pledge within his/her workplace	4	3
th/04/0023/03	Ensure health and safety in the workplace	3	3
th/03/0021/03	Participate in groups and/or teams to gather ideas and information	3	4
th/03/0022/03	Read texts for practical purposes	3	4
th/04/0024/03	Perform calculations for the workplace	3	6
ASSOCIATED STUDIES			
au/06/0008/03	Draw and interpret engineering sketches and drawings under supervision	3	8
TOTAL			120

6. Purpose

The purpose of this qualification is to provide learners with the standards and the range of learning required to work effectively in the automotive spray painting industry. This qualification will enable learners to meet the challenges of an industry that has shown a rapid increase through the introduction of new technology in spray painting methods.

This qualification provides learners with an effective foundation of the theory and practical skills in the methods and techniques of Spray Painting.