

CONVERSION GUIDELINES FOR SPRAY PAINTER TRADE THEORY FROM NATED (N) COURSES TO UNIT STANDARDS (US)

The purpose of this skills programme is for the successful learner to gain access to the relevant trade test and not to gain credits or part of credits as only relevant specific outcomes addressing the theory part are to be achieved

LEARNING ACTIVITIES	UNIT STANDARD TITLE	MATERIAL AVAILABLE	UNIT STANDARD ID	THEORY	
				SPECIFIC OUTCOME NUMBER	SPECIFIC OUTCOME
Safety and first aid knowledge in the workshop	Keep the work area safe and productive		13220	SO 2	Identify and explain the purpose of demarcated areas, emergency stops, exits and first aid stations
Safety equipments	Keep the work area safe and productive		13220	SO 1	Discuss and explain the purpose of safety equipment and procedures
Safe work practices	Keep the work area safe and productive		13220	SO 5	Identify and respond to unsafe or potentially unsafe conditions, incidents or acts that may occur
House keeping practices	Keep the work area safe and productive		13320	SO 4	Perform housekeeping duties in work area

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Document Number	LPM-GL-022	Date Compiled	13 November 2009
Page Number	Page 1 of 4	*Last Revision Date	16 February 2010
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Review: Learning Programme Manager		Approved: CEO	

Maintain spray booth	Maintain spray painting equipment		260160	SO 1	Demonstrate knowledge of maintaining spray painting equipment.
				SO 2	Prepare to maintain spray painting equipment.
Identify the air compressor / Air tools	Maintain spray painting equipment		260160	SO 1	Demonstrate knowledge of maintaining spray painting equipment.
	Use and care for tools and equipment		9879	SO 2	Prepare to maintain spray painting equipment
Perform feather edging and sanding	Perform surface preparation on a body panel		119734	SO 3	Prepare the body panel surface with abrasives.
				SO 1	Clean the body panel
Perform basic masking of a vehicle	Perform masking and de-masking on a vehicle		119742	SO 1	Identify the area to be masked.
Perform vehicle paint stripping	Perform surface preparation on a body panel		119734	SO 3	Prepare the body panel surface with abrasives.
Identify primers and primer filler	Identify the various types of paint, primers, material and their uses		119740	SO 2	The Learner is able to identify the different types of paint and materials.
				EEK	Names and functions of: <input type="checkbox"/> Paint, material and primers Attributes, descriptions, characteristics and properties of: <input type="checkbox"/> Paint, material and primers
Perform feather edging and sanding	Perform surface preparation on a body		119734	SO 1	Clean the body panel.

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	panel			EEK	<input type="checkbox"/> Names and functions of: Body panels Tools and equipment <input type="checkbox"/> Attributes, descriptions, characteristics and properties of: Substrates of body panels; Paint and materials Primers
Apply primers and primer filler	Apply sealers and cavity fillers on vehicles		260158	SO 1	Demonstrate knowledge of application of sealers and cavity fillers.
				EEK	The following embedded knowledge is addressed: Functions of sealer and cavity fillers. <input type="checkbox"/> How to prepare surfaces. <input type="checkbox"/> How to mask the area. <input type="checkbox"/> The importance of masking the area accurately. <input type="checkbox"/> Different ways to apply the sealer to achieve specific results.
Perform final masking for finishing	Perform masking and de-masking on a vehicle		119742	SO 1	Identify the area to be masked.
				SO 2	Prepare the vehicle for cleaning and masking.
Perform an assessment of paint defects	Diagnose paint defects		2660157	SO 1	Demonstrate knowledge of paint defects.
				SO 2	Identify cause of paint defects
				SO 3	Make recommendations to repair defects.

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Perform final solvent cleaning				SO 1	Demonstrate knowledge of polishing painted panels.
Perform final cleaning and polishing	Polish automotive painted panels		260159	EEK	The learner will know the ff: <ul style="list-style-type: none"> • How to use Personal Protective Equipment. • When polishing will remove paint imperfections. • Functions of polish and equipment. • Risk of polishing through high spots. • How to mask the area. • The importance of masking the area accurately. • Different techniques to apply the polish. • Importance of cleaning polishing pads regularly. • How to remove polishing dust from non painted surfaces.
Perform mixing, thinning and polishing	Mix and match paint colours		244173		
Perform colour mixing and matching				SO 1	Demonstrate knowledge of the principles of mixing and matching colours.

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