

MODULE MEC1190: SURFACE PREPARATION 1**Level:** Introductory**Theme:** Suspension and Structural Systems**Prerequisite:** None**Module Description:** Students assess the state of a painted surface, and use appropriate restoration procedures.**Module Parameters:** Access to painting facilities, surface preparation tools/materials and related resources.**Curriculum and Assessment Standards**

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> demonstrate safe work practices for surface preparation, and follow established lab procedures identify products, equipment and procedures associated with surface preparation 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> observed performance related to: <ul style="list-style-type: none"> following established lab/shop routines with respect to abrasive dust and chemical fumes safe use of tools/equipment and use of hazardous materials identification and use of WHMIS bulletins. <p><i>Assessment Tool</i> <i>Task Assessment Checklist: Surface Preparation, Part 1, MEC1190-1</i></p> <p><i>Standard</i> <i>Performance rating of 2 on each criteria</i></p>	10
	<ul style="list-style-type: none"> a report that includes the following: <ul style="list-style-type: none"> list of damage and appropriate repair procedures list of tools/equipment required list of appropriate abrasive and other surface preparation materials. <p><i>Assessment Tool</i> <i>Task Assessment Checklist: Surface Preparation, Part 2, MEC1190-1</i></p> <p><i>Standard</i> <i>Performance rating of 1 or more on each criteria</i></p>	30

MODULE MEC1190: SURFACE PREPARATION 1 (continued)

Concept	Specific Learner Expectations	Notes
Identify/Repair	<i>The student should:</i> <ul style="list-style-type: none">• explain and demonstrate methods of sanding• use appropriate methods of surface preparation• identify and apply appropriate metal conditioner• demonstrate how to mask a surface prior to painting.	
Careers	<ul style="list-style-type: none">• research further education, working conditions and career opportunities.	