

website

**College of Denturists  
of  
British Columbia**

**Complete Denture Evaluation  
Laboratory Criteria**

**Version: website**

**LABORATORY CRITERIA**

**Impressions: Preliminary Upper**

X	<b>0</b>	<b>1</b>	X
	<b>Tray impingement</b> Tray impingement causing distortion	No <b>tray impingement</b> or non-distortive tray impingement	
	<b>Impression material</b> Not well mixed or too thin / too thick or inadequate or excessive material	Impression material well mixed and of suitable consistency	
	<b>Voids</b> ( <u>Any void less than 2mm is not considered a void area.</u> )  Four or more void areas less than 5 mm or one void area 5mm or greater	Three or fewer void areas less than 5mm	
	<b>Patching</b> Patched area inconsistent with the surface of the impression or four or more void areas patched	Patched area consistent with the surface of the impression and three or fewer areas patched	
	<b>Peripheral roll</b> Unsupported peripheral roll	Supported peripheral roll	
	<b>Required landmarks of the maxillae:</b> <i>Incisive Papillae</i> <i>Rugae</i> <i>Residual Ridge</i> <i>Hard Palate Area</i> <i>Labial and Buccal Vestibules</i> <i>Hamular Notches</i> <i>Soft Palatal Area</i>  <b>Missing any landmarks</b>	All landmarks present in impression	

**LABORATORY CRITERIA**

**Impressions: Preliminary Lower**

X	0	1	X
	<b>Tray impingement</b> Tray impingement causing distortion	No <b>tray impingement</b> or non-distortive tray impingement	
	<b>Impression material</b> Not well mixed or too thin / too thick or inadequate or excessive material	Impression material well mixed and of suitable consistency	
	<b>VOIDS</b> ( <u>Any void less than 2mm is not considered a void area.</u> )  Four or more void areas less than 5 mm or one void area 5mm or greater	Three or fewer void areas less than 5mm	
	<b>Patching</b> Patched area inconsistent with the surface of the impression or four or more void areas patched	Patched area consistent with the surface of the impression and three or fewer areas patched	
	<b>Peripheral roll</b> Unsupported peripheral roll	Supported peripheral roll	
	<b>Required landmarks of the mandible:</b> <i>Residual Ridge</i> <i>Labial and Buccal Flanges</i> <i>External Oblique line</i> <i>Lingual Flange</i> <i>Retromylohyoid Fossa</i> <i>Internal Oblique Line</i> <i>Retromolar Pad</i>  <b>Missing any landmarks</b>	All landmarks present in impression	

**LABORATORY CRITERIA**

**Impressions: Final Upper**

X	<b>0</b>	<b>1</b>	X
	<b>Tray impingement</b> Tray impingement causing distortion	No <b>tray impingement</b> or non-distortive tray impingement	
	<b>Impression material</b> Not well mixed or too thin / too thick or inadequate or excessive material	Impression material well mixed and of suitable consistency	
	<b>VOIDS</b> ( <u>Any void less than 2mm is not considered a void area.</u> )  Four or more void areas less than 5 mm or one void area 5mm or greater	Three or fewer void areas less than 5mm	
	<b>Patching</b> Patched area inconsistent with the surface of the impression or four or more void areas patched	Patched area consistent with the surface of the impression and three or fewer areas patched	
	<b>Peripheral roll</b> Unsupported peripheral roll	Supported peripheral roll	
	<b>Required landmarks of the maxillae:</b> <i>Incisive Papillae</i> <i>Rugae</i> <i>Residual Ridge</i> <i>Hard Palate Area</i> <i>Labial and Buccal Vestibules</i> <i>Hamular Notches</i> <i>Soft Palatal Area</i>  <b>Missing any landmarks</b>	All landmarks present in impression	

**LABORATORY CRITERIA**

**Impressions: Final Lower**

X	<b>0</b>	<b>1</b>	X
	<b>Tray impingement</b> Tray impingement causing distortion	No <b>tray impingement</b> or non-distortive tray impingement	
	<b>Impression material</b> Not well mixed or too thin / too thick or inadequate or excessive material	Impression material well mixed and of suitable consistency	
	<b>VOIDS</b> ( <u>Any void less than 2mm is not considered a void area.</u> )  Four or more void areas less than 5 mm or one void area 5mm or greater	Three or fewer void areas less than 5mm	
	<b>Patching</b> Patched area inconsistent with the surface of the impression or four or more void areas patched	Patched area consistent with the surface of the impression and three or fewer areas patched	
	<b>Peripheral roll</b> Unsupported peripheral roll	Supported peripheral roll	
	<b>Required landmarks of the mandible:</b> <i>Residual Ridge</i> <i>Labial and Buccal Flanges</i> <i>External Oblique Line</i> <i>Lingual Flange</i> <i>Retromylohyoid Fossa</i> <i>Internal Oblique Line</i> <i>Retromolar Pad</i>  <b>Missing any landmarks</b>	All landmarks present in impression	

## LABORATORY CRITERIA

### Artificial Tooth Arrangement

Models must be mounted on an articulator. The articulator must be functional and must have an adjustable incisal pin. The following items are marked after the candidate's final try-in. Upper and lower try-ins must be secured to the models. Candidates **MUST** use stabilized bases. All teeth must be fully secured in the wax. Examiners will not remove wax from occlusal surfaces.

<b>X</b>	<b>0</b>	<b>W</b>	<b>1</b>	<b>X</b>
	<b>Articulator</b> is non-functional, pin is locked or seized and not adjustable by examiners <b>Bases</b> are not secured to models and/or have movement to the extent that, in the opinion of the examiners, evaluation is compromised.	<b>5%</b>	<b>Articulator</b> is functional, well maintained, and examiners can make the required adjustments in accordance with the articulator's design <b>Bases</b> are secured to the models	
	<b>Centric occlusion</b> Fewer than five simultaneous bilateral contacts or contact on fewer than three teeth per side	<b>25%</b>	Five or more contacts on at least three teeth per side	
	<b>Lateral excursive movements</b> Any interference or malocclusion or less than three working contacts, or no balancing contact	<b>5%</b>	Smooth, functional transition from centric occlusion without interference or malocclusion with at least one balancing contact and three or more working contacts	
	<b>Protrusive excursive movement</b> Any interference or malocclusion or no posterior balancing contact or fewer than three functional anterior contacts	<b>5%</b>	Smooth functional transition from centric occlusion to protrusive with at least one balancing contact per side and 3 or more functional anterior contacts	

### END LABORATORY CRITERIA