

JUDGING SUB CATEGORY	MANUFACTURING	TEAM ID	
PRIMARY EVIDENCE	TEAM INTERVIEW	TEAM NAME	
SECONDARY EVIDENCE	TEAM PORTFOLIO: SECTION B	SCHOOL	
CRITERIA	3	COMPETITION CLASS	

Criteria	Low	Developing	Advanced	Score
	0 1 0 1 2	2 3 3 4 5 6	4 5 7 8 9 10	/5 /10
<b>3.1</b> Application of CAM / CNC	Minimal evidence of CNC understanding	Effective use and understanding of CNC machining processes used	High level of CNC machining competence. Appropriately complex techniques and processes used to achieve manufacturing goal	/10
<b>3.2</b> Manufacturing process car body	Little manufacturing details	Manufacturing processes and some issues presented	Detailed assessment of all manufacturing, stages, materials & issues	/10
<b>3.3</b> Manufacturing process other components	Little manufacturing details	Manufacturing processes and some issues presented	Detailed assessment of all manufacturing, stages, materials & issues	/10
<b>3.4</b> Tolerancing / Quality Control	Little consideration of tolerancing and quality control	Good consideration of tolerancing and quality control	Excellent consideration of tolerancing and quality control	/10
<b>3.5</b> Overall Manufacturing Technical Merit	Basic manufacturing with little technical merit	Good manufacturing with technical merit	Original & clever manufacturing processes with excellent technical merit	/5
<b>3.6</b> Quality of Finished Product - Geometry/Form	Reasonable form with some inconsistencies	Good overall form and assembly with attention to detail	Exceptional attention to detail across all aspects of form. Two cars are identical.	/10
<b>3.7</b> Quality of Finished Product - Surface finish	Reasonable finish with some inconsistencies	Good overall finish quality with attention to detail	Showcase finish quality. Exceptional attention to detail. Two cars are identical.	/10
			<b>Manufacturing GRAND TOTAL</b>	<b>/65</b>

<b>EVENT NAME:</b>	
<b>TEAM:</b>	<b>TEAM ID:</b>
<b>Three (3) things you should continue to do:</b>	
1	
2	
3	
<b>Three (3) things that would most improve your participation:</b>	
1	
2	
3	