



Appendix F

# Mobile Robotics

SECONDARY

## Appendix F: Inspection Sheet

### Skills Canada Mobile Robotics Inspection

Team:

Inspector(s):

Criteria		Notes	Pass/Fail
Safety	Kill Switch Operation		
	Kill Switch Mounting		
	Wiring Diagram		
	Safety Data Sheet(s)		
	Batteries? - Sealed commercial batteries? - Securely mounted? - Properly wired?		
	Maximum voltage in circuits?		
	Fuse/Breaker rating?		
	Fuse/Breaker in appropriate location?		
	Total Power Rating?		
	Pneumatic System - In use? - 100 PSI Max? - Safety Valve? - Competitor made/modified air pressure hardware? - Pressure tanks and gauges protected from damage? - Pressure circuit diagram provided?		
	Competitor Eye Protection?		

	<b>Pit Inspection</b> <ul style="list-style-type: none"> <li>- Tidy area?</li> <li>- Tripping hazards?</li> <li>- Other notes?</li> </ul>		
Robot Inspection	<b>Starting Tele-op Robot(s) Volume?</b>		
	<b>Autonomous Element Volume?</b>		
	<b>Total Volume?</b>		
	<b>Robot Operation?</b> <ul style="list-style-type: none"> <li>- Functionality?</li> <li>- Compliance?</li> <li>- Appropriate control system being used?</li> <li>- Issues noted?</li> </ul>		
	<b>Demonstration of robot function?</b> <ul style="list-style-type: none"> <li>- Tele-op function</li> <li>- Autonomous Element function</li> </ul>		
	<b>Non-permitted parts?</b> <ul style="list-style-type: none"> <li>- Lasers</li> <li>- Hydraulics</li> <li>- Explosives</li> </ul>		

Additional Notes:

Inspection result:

Competitor Signatures (All competitors must sign):

Inspectors Signatures: