

Inspection Report Summary

Department:	Practical Arts
Machine:	HDX CNC Router
Pass / Fail:	100 % Passed / 0 % Failed
Time to Audit:	1 minutes
Auditor:	Idongesit Inwang
Inspected Date:	May 27, 2026

Inspection Report

Facility: South Pointe School

Department: Practical Arts

Machine: HDX CNC Router

Model Number: CWI-CNC 4848

Manufacturer: HDX

Serial Number: 16061610710



Machine Specific

Activity/Tasks	Hazards	Corrective Action	Pass/Fail	Severity	Exposure	Avoidance	Total	Current Safeguards	Recommended Improvements
Operate machine (run program)	Laceration, entangle in tooling.		Pass	2	2	2	PR1 8	Brush head and poly-carbonate shield around tooling.	
Operate machine (run program) Third Party	Struck by carriage, pinch/shear in carriage track.		Pass	2	2	2	PR1 8	Engineered control to restrict access during operation.	
Operate machine (run program)	Entangle in lead screw under table		Pass	2	2	2	PR1 8	Fixed barrier across open side of machine frame.	
Operate machine (run program)	Entangle/crush in power transmission on tool carriage		Pass	2	2	2	PR1 8	Bellows around tool carriage lead screws	
Operate machine	Exposure to dust		Pass	1	2	2	PR2 4	Interlocked dust collection	
Change tooling and other maintenance tasks	Struck, entangle, crush due to accidental activation		Pass	2	1	2	PR2 4	Lockout policy	
Set up tooling	Crush in moving tool head, entangle in spindle		Pass	2	2	2	PR1 8	Design safeguard system to allow for set up functions to be performed using hold-to-run controls in jog mode. Spindle must be deactivated.	
Set up	Electrocution		Pass	3	2	2	PR1 12	Repair exposed wires on tool measuring device cord	

Activity/Tasks	Hazards	Corrective Action	Pass/Fail	Severity	Exposure	Avoidance	Total	Current Safeguards	Recommended Improvements
Operate machine	Entangle, crush, struck due to failure of safety system		N/A	2	2	2	PR1 8	Category 3 safety circuit	
Set up parts	Struck by parts (not properly secured)		Pass	2	2	2	PR1 8	Defined method for securely attaching parts or barrier guard	

#	Question	Corrective Action	Pass/Fail
1.	Safe Work Procedure posted?		Pass
2.	Are all Emergency Stops clearly marked and functioning properly?		Pass

Safety Rep Signature:

CEI