



WCD 49814.1 Machine Tool Operation

Hazard Level: Moderate



WCD Status: Approved **Status Date:** 03/31/2020

Authorization Status: See Authorization Package

Responsible Individual: Rossi, Paul

Work Planner: Rossi, Paul ESH Coordinator: Rossi, Paul

Approving Division: PSC Approver: Rossi, Paul

Review Interval: 3 Years Annual Review: 03/31/2023

Scope

Machine tools utilized throughout the APS facilities machining non-hazardous materials

Scope Limits

See Task.

Task Summary

Task 1	Operate Machine Tools	
	OJT	Machine tool certification per LMS-PROC-78
	External Training	Machine tool operation certification program

Hazard Summary



Workplace

Eye or vision hazard

1	Particles, projectiles	Low
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Hand Tools

1	Non-Powered Hand Tools	Low
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Machinery and Equipment

1	Stationary tools	Moderate
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Pinch or nip hazard

1	Pinch or nip	Low
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Sharps

1	Use of scalpels, razor blades, and similar tools	Low
1	Puncture, sharp or rough edges (e.g., sheet metal, glass)	Low
1	Working with compressed air for cleaning using air nozzles ≤ 30 psi	Low

In case of an emergency dial 9-1-1 From your cell phone: 630-252-1911



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PPE Summary

TASK	PPE
1	Eye protection
1	Face shield
1	Foot protection
1	Gloves
1	Hearing protection

Training Summary

TASK	COURSE	COURSE NAME
1	ESH562	Machine Guarding
1	ESH566	Machine Tool Qualification and Operation

Permit Summary

TASK	PERMIT
	No permits required

WCD Attachments

TASK	DATE	FILE NAME	DESCRIPTION
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WCD 49814.1 Machine Tool Operation

TASK 1 Operate Machine Tools

Response to unplanned events:

Stop work immediately and contact the supervisor. In case of emergency dial 911.

Locations:

400 APS Machine Shops

Task Scope:

Operate APS Machine Tools within APS facilities

Task Scope Limits:

Machining of non-hazardous materials.

Work Instructions:

Perform machining operations on non-hazardous materials.

Hazard Analysis and Controls



Workplace

Eye or vision hazard

Particles, projectiles	Low
Personal Protective Equipment Eye protection - Safety glasses with side shield	

Hand Tools

Non-Powered Hand Tools	Low
Personal Protective Equipment Eye protection - Safety glasses with side shields.	

Machinery and Equipment

Stationary tools	Moderate
Engineering Control OSHA compliant guarding Administrative Control Equipment must be inspected daily or prior to use Personal Protective Equipment Eye protection - Safety glasses with side shields Foot protection - Leather work shoes.	

Pinch or nip hazard

Pinch or nip	Low
Personal Protective Equipment Gloves - Sturdy leather work gloves	

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TASK 1 Operate Machine Tools



Workplace

Sharps

Use of scalpels, razor blades, and similar tools	Low
Administrative Control Storage - Store with sharp edge covered.	
Personal Protective Equipment Gloves - Cut resistant gloves when feasible.	
Puncture, sharp or rough edges (e.g., sheet metal, glass)	Low
Personal Protective Equipment Gloves - Specify type of gloves (e.g. sturdy work gloves, puncture resistant)	
Working with compressed air for cleaning using air nozzles \leq 30 psi	Low
Personal Protective Equipment Eye protection - Safety goggles Face shield Gloves - Cut/puncture/abrasion-resistant gloves. Hearing protection	