



## Procedure

Saskatoon & Area - Occupational Health & Safety

**Number:** 53-022

**Title:** Physical Hazard: Plume during Work Procedures

**Saskatchewan Employment Act:** 3, 4, 9, 13

**OHS Regulation:** 6-2, 6-3, 6-22, 7-2, 7-8, 7-13, 31-3

**Date:** January 1, 2017

**Date Revised/Reaffirmed:** December 30, 2021

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### Purpose

To ensure engineering, administrative and PPE controls are in place to prevent exposure to hazardous plume created during work tasks

### Procedure

Manager/Supervisor:

- Develops a plume exposure control plan complying with requirements detailed in OHS Regulation 85
- Ensure that any tasks that will create smoke and plume will have proper standard works in place to prevent the release of any smoke or plume
- Corrective measures can be either by use of current engineering controls and or PPE
- If the proper controls are not in place then the tasks shall not be performed until corrective actions have been put in place and standard work has been written to control the hazard

Worker:

- Ensure that they participate in any and all training related to tasks that cause smoke and plume
- Use appropriate PPE in a safe and effective manner
- In the event that a task will create smoke and plume and there are currently no controls in place the worker will stop and not perform the task
- Report any incidents or near misses related to smoke and plume to manager/supervisor and the Safety Alert System/Incident Reporting Line

### Non-Compliance/Breach:

Non-compliance with this policy will result in a review of the incident. A review for non-compliance may result in disciplinary action, up to and including termination of employment or privileges; fines and /or prosecution of individuals under the Saskatchewan Employment Act and OHS Regulations.

### References

- CSA Z305.13-09 Plume scavenging in surgical, diagnostic, therapeutic and aesthetic settings

Review Dates:

January 1, 2017

June 7, 2018

December 30, 2021