ECP Documentation for

Employer Details

EMPLOYER NAME	EMPLOYER ADDRESS	EMPLOYER CONTACT
	,	Phone: Email: Website:

Jobsite Details

JOBSITE NAME	JOBSITE ADDRESS	JOBSITE ECP DETAILS	JOBSITE SHIFT LENGTH (HR/DAY)
	N/A N/A N/A, N/A	Name: Role: Phone: Email:	Not Provided

WORKING DATES	TRADE	JOBSITE SECTOR	PROJECT TYPE
N/A until N/A		N/A	N/A

Working Activities

WORK ACTIVITY	WORK AREA	HOURS PER SHIFT
Chipping Concrete with Chipping Hammer	Inside	1
Drilling Concrete with Drilling Machine	Inside	2

Exposure Health Risk

DETAILS
Chipping Concrete with Chipping Hammer *Placeholder text for RCS dust exposure risks and mitigation strategies.* **Drilling Concrete with Drilling Machine** *Placeholder text for RCS dust exposure risks and mitigation strategies.*

ECP Purpose

DETAILS
This ECP sets out the plan nextrack will implement to protect workers from hazardous exposure to RCS dust based on information relating to the identified silica process assessed through the Pharos Health Exposure Control Tool, and the site specific details set out herein. A specific ECP is developed for each different kind of silica process identified as needed at N/A.

Responsibilities

EMPLOYER RESPONSIBILITIES	SUPERVISOR RESPONSIBILITIES	WORKER RESPONSIBILITIES

Ensure: • Effective controls are selected, implemented and documented; • Materials and resources necessary to fully implement and maintain this ECP are available; • Supervisors and workers are silica safety trained; • Written records as identified in this ECP are maintained; • Annual ECP review (or more if conditions change) is conducted; • Co-ordination of a safe work environment for workers.	Ensure: • Copy of ECP available at the jobsite; • ECP is distributed and reviewed with workers; • Workers are provided with instruction re: work activity hazards & safe work procedures; • Controls and equipment as identified in this ECP are inspected; • Respirators are fit-tested with results recorded; • Work is directed to minimize and control exposure risk.	Ensure: • RCS dust hazards and ECP details are known and understood; • PPE is used effectively and safely; • Work procedures are followed as per supervisor instructions; • Unsafe conditions and acts are reported to supervisor; • RCS dust exposure incidents / signs or symptoms of silica illness are reported.

Combined Exposure Analysys (No Controls)

Safe Caution Danger

Combined Exposure Level: **0.0656 mg/m³**

Combined Exposure Level (No Controls)	Combined Exposure Limit	Combined Action Level

0.0656 mg/m³	0.025 mg/m³ Est. Exposure Level exceeds by 163%	0.013 mg/m³ Est. Exposure Level exceeds by 425%
Risk Classification		
Hazardous Level We recommend to proceed with controls as exposure level is Hazardous.		

General Administrative Controls

ADMINISTRATIVE CONTROLS	SITE RESPONSE	VERIFICATION
Inspections & Maintenance Will you be implementing scheduled inspections and maintenance of engineering controls to ensure they are kept in good working order?	No	Not Yet Verified No verification notes have been added yet No verification images have been uploaded
Housekeeping At the end of every work shift, will you be cleaning the work area and equipment from accumulated dust?	No	Not Yet Verified No verification notes have been added yet No verification images have been uploaded
Hygiene At the end of every work shift, will workers and PPE be decontaminated to prevent inadvertent secondary inhalation of RCS dust?	No	Not Yet Verified No verification notes have been added yet No verification images have been uploaded

ADMINISTRATIVE CONTROLS	SITE RESPONSE	VERIFICATION
Silica Safety Instruction & Training Will your workers be instructed and trained in how to safely work within environments where RCS dust exposure is a risk?	No	Not Yet Verified No verification notes have been added yet No verification images have been uploaded
Exposure Emergency Preparedness Will your jobsite be prepared for a RCS dust exposure emergency?	No	Not Yet Verified No verification notes have been added yet No verification images have been uploaded
Work Shift Scheduling Will you be scheduling work shifts to limit the amount of time an individual worker is exposed to RCS dust?	No	Not Yet Verified No verification notes have been added yet No verification images have been uploaded
Barriers Will you use a barrier to isolate the work area from the rest of the construction project and to prevent entry by unauthorized workers?	No	Not Yet Verified No verification notes have been added yet No verification images have been uploaded
Enclosures Will you use an enclosure to physically contain the dusty atmosphere?	No	Not Yet Verified No verification notes have been added yet No verification images have been uploaded

Engineering and Administrative Controls for Chipping Concrete with Chipping Hammer

ENGINEERING CONTROLS	VERIFICATION DETAILS

Equip the chipping hammer with a water spray system to minimize dust.	Not Yet Verified No verification notes have been added yet No verification images have been uploaded

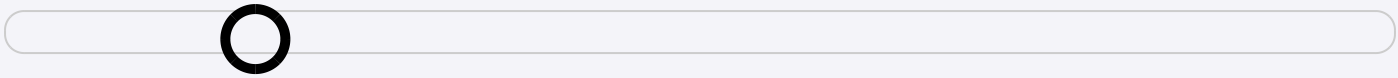
ADMINISTRATIVE CONTROLS	VERIFICATION DETAILS
Dynamic Administrative Controls for each activity will be listed here with their answers	Not Yet Verified No verification notes have been added yet No verification images have been uploaded

Engineering and Administrative Controls for Drilling Concrete with Drilling Machine

ENGINEERING CONTROLS	VERIFICATION DETAILS
Use wet drilling techniques with a continuous water flow to the drill head.	Not Yet Verified No verification notes have been added yet No verification images have been uploaded

ADMINISTRATIVE CONTROLS	VERIFICATION DETAILS
Dynamic Administrative Controls for each activity will be listed here with their answers	Not Yet Verified No verification notes have been added yet No verification images have been uploaded

Combined Exposure Analysys (With Controls)



Safe Caution Danger

Combined Exposure Level: **0.0039 mg/m³**

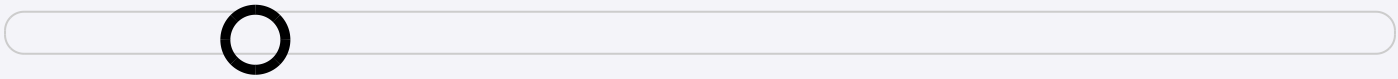
Combined Exposure Level (With Controls)	Combined Exposure Limit	Combined Action Level
0.0039 mg/m³	0.025 mg/m³ Est. Exposure Level within Exposure Limits	0.013 mg/m³ Est. Exposure Level within Action Limits
Risk Classification		
Safe Level		

Residual Exposure Control (PPE) for

RESPIRATOR USAGE	REQUIRED PROTECTION FACTOR	RESPIRATOR TYPE & FILTER
PROTECTION REQUIRED	10	Half facepiece, non-powered with P100 filter *Please note, the respirator type above is an example of a respirator type that may meet the required protection factor. Users may elect to use alternate respiratory protection equipment that meets the required protection factor rating. Any respirator choice must be fitted with an N100, P100 or R100 filter. Respirators and filters must be NIOSH approved.*

WORKER PPE USAGE	SITE RESPONSE	VERIFICATION
Will workers on the jobsite have respirators available?	No	
Will workers in the jobsite wear washable or disposable coveralls?	No	

Final Combined Exposure Analysys



Safe Caution Danger

Combined Exposure Level: **0.0039 mg/m³**

Combined Exposure Level (Final)	Combined Exposure Limit	Combined Action Level
0.0039 mg/m³	0.000 mg/m³ Est. Exposure Level within Exposure Limits	0.013 mg/m³ Est. Exposure Level within Action Limits
Risk Classification		
Safe Level		

Documentation

DOCUMENTATION

Documents and materials that augment this ECP submitted to ECP Contact;
ECP Summary available on jobsite as physical copy. Complete ECP available on jobsite as physical or digital copy;
All workers involved must have free access to this ECP and an opportunity to ask questions;
All documentation filed at head office for 10 years;
ECP must be reviewed at least annually, and updated as needed due to any changes.

Plan Creator Signature

Clear Save Signature

Auditor Signature

This planning has not yet been verified