EXAMPLE OF A COMPLETED RISK ASSESSMENT

WorkSafe SASKATCHEWAN
Safety • Health • Well-being

Job:	ABC Contracting
Location:	123 Main Street, Saskatoon, Saskatchewan
Description:	Collect bulk samples of asbestos-containing materials
Assessment completed by:	J. Doe
Assessment date:	January 31, 2021

Refer to the attached risk matrix for more information.
C=Consequence; L=Likelihood; RR=Risk rating

	Hazard	C	L	RR	Controls	C	L	RR
1.	Driving (Pedestrians, traffic, road conditions)	4	3	12	• Conduct a pre-use vehicle inspection. • Assess the road conditions prior to travel and reschedule if necessary. • Only licensed drivers may operate vehicles. • Follow all rules of the road and drive to the road conditions. • Be alert for changing conditions and hazards on the roadway. • Assess your fitness for duty. Do not drive if fatigued. • Do not operate a cellphone or portable device while driving.	4	1	4
2.	Walking to and from site (Slips, trips and falls)	3	3	9	• Use care and attention when walking. • Choose a route free of obstacles and slippery or soft ground. • Keep your workspace clean and free from obstacles. • Review previous building assessments and be aware of previously identified hazards.	3	1	3
3.	Carrying equipment (Ergonomics)	2	3	6	• Where possible, keep the load close to your body with weight distributed evenly across the body. Make multiple trips if required or use a cart/dolly.	2	1	2
4.	Using hand tools (Injury, flying objects, use of incorrect tool)	2	3	6	• Wear safety glasses when using a powered drill and/or using non-powered equipment with the potential to cause flying debris/dust. • Wear leather gloves or cut resistant gloves when using tools with the potential to cause injury. • Inspect materials for slivers, jagged or sharp edges before handling objects. • Utilize snips to remove strapping to allow for ease of sampling and to not create additional sharp hazards. • Always chip materials away from yourself and keep body parts out of the path of the hazard. • Do not use damaged tools.	2	1	2

	Hazard	C	L	RR	Controls	C	L	RR
5.	Using a ladder (Injury from falls)	4	3	12	• Choose the right ladder for the job. • Inspect before use and do not use if ladder is worn or cracked. • Follow manufacturer's instructions (do not stand on top two rungs). • Do not erect ladders in front of doors unless using a spotter to manage foot traffic. • Use three points of contact. • Do not carry tools up and down a ladder, use pockets or a tool belt. • Do not work off a ladder unless you can maintain three points of contact, or are tied off. • Recognize any overhead hazards prior to setting up the ladder.	4	1	4
6.	Exposure to airborne asbestos fibres	4	4	16	• Wear half mask with P100 HEPA filters (minimum) and nitrile gloves over cut resistant gloves while sampling ACMs. • When other workers are in close proximity (less than 15 feet), place asbestos warning banner tape at all entrances to the bulk sampling area. No workers should be in the immediate area. • Ensure other workers are well away from your work area during sampling. • Once sample has been removed, seal the sample location. • Use drop sheets when accessing/sampling ACMs. • Place all samples in sealable sample bags and keep bag sealed at all times. • Spray ACMs with water prior to sampling to minimize release of fibres and continue to spray multiple layers as sampling progresses. • Workers must have taken training on asbestos sampling and respirator use. • Wash hands and tools thoroughly upon completion of sampling activities and prior to eating/drinking/smoking.	4	2	8

Health and safety severity

Negligible	1	Near miss, or no treatment injury, minimal damage, or environmental impact.
Mild	2	First aid injury, minor damage, or minor environmental impact.
Moderate	3	Medical aid, lost time injury, moderate damage, or environmental impact.
Severe	4	High potential near miss, disabling injury, fatality, major damage, or extensive environmental impact.

Likelihood description

Remote	1	Practically impossible, not likely to occur.
Unlikely	2	Has happened in industry, but not often (i.e., once every 5 years).
Likely	3	Has known to occur in the past.
Frequent	4	Event has occurred several times in the past, possibility of repeated incidents.

Risk analysis matrix

Likelihood		**Consequence**			
		Negligible	**Mild**	**Moderate**	**Severe**
		1	2	3	4
Remote	1	1	2	3	4
Unlikely	2	2	4	6	8
Likely	3	3	6	9	12
Frequent	4	4	8	12	16

1-2 (L) Low risk	Consider additional controls to further reduce risk.
3 (M) Moderate risk	Controls must be implemented to reduce risk.
4-16 (H) High risk	Risk unacceptable, do not proceed without controls, minimum engineering controls.