

SAFE EXCAVATION WITHIN THE TOLERANCE ZONE

Before you start digging, and during your pre-excavation meeting, confirm what infrastructure exists within your "white lined" project area.

Coordinate your work with the facility owner/operator and observe the owner's **TOLERANCE ZONE** - The space in which a facility is located and in which special care is to be taken.



Observe the **facility owner's Tolerance Zone** and leave at least 1 metre of tolerance on either side of the located underground facility. Excavation within the Tolerance Zone requires care for protection of the underground facilities. Based on climate or geographic conditions, they include:

- hand digging where practical
- vacuum extraction methods
- pneumatic hand tools, or
- other methods approved by the facility owner.

Note that Federally regulated (CER) oil and gas pipelines require a Prescribed Area, or Tolerance Zone of 30 metres from centre line of pipe. Please confirm your work plans with those organizations and respect this Federal law.

Support and protect exposed underground facilities and notify the owner, or Sask 1st Call, of unidentified facilities.

If any damage occurs to the facility, follow Emergency Response Plans and notify the owner.

Follow facility owner directions on backfilling the excavation.

Need more of these cards? Want to become a member of the SCGA?
Contact: info@scga.ca or go to: www.scga.ca

CER
Pamphlet



5 STEPS TO SAFER DIGGING

1. ALWAYS CONTACT SASK 1ST CALL BEFORE DIGGING

- Contact Sask 1st Call at sask1stcall.com or 1-866-828-4888
- Provide the exact location of your dig site, the type of work you'll be doing and your start date.
- Consider other facilities that may be present (RM, Rail, Water) and are not registered with Sask 1st Call.

2. DEVELOP A WORK PLAN

- Mark proposed work area with a white line (or black on snow).
- Identify any equipment, personnel, permits or approvals required.
- Perform a Hazard and Risk Assessment (include overhead lines if present).
- Look for facility signage and other signs of ground disturbance.
- Identify hazards and risks associated with specific underground facilities.
- Determine controls and barriers to eliminate or reduce the risk.
- Develop emergency response plan.

3. CONFIRM LOCATES

- Is the record of locate available and does it match the work?
- Check expiry date of locates.
- Are locates marked with paint on the ground or with stakes?
- Do the colours match approved colour codes?

4. PRE-EXCAVATION

- Has contact been made with the identified facility owner(s)?
- Do you understand crossing agreements or approvals? Are copies of agreements or approvals on site?
- If site supervision is required, is the company designate present?
- Hold a pre-job safety meeting (tailgate) with workers:
- Review work plan, hazards control measures and emergency response.
- Inform workers of general/job specific safety rules and ensure they are trained.

5. DIG CAREFULLY

- Has there been any change to the work area? If so, contact Sask 1st Call.
- Ensure exposing/daylighting is performed as required by facility owners.
- Use safe mechanical excavation procedures.
- Respect the required Tolerance Zones.
- Report any damage to the facility owner and call 911 in emergencies.
- Completion - work site left as required.
- Is the documentation completed?
- Are stakes removed and disposed?

DAMAGE PREVENTION IS A SHARED RESPONSIBILITY

Safety
Legislation
links:



Sask OHS Regs



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UNIVERSAL COLOUR CODES

For Marking Underground Utility Lines

RED

Electric Power
Lines, Cable,
Conduit and
Lighting Cable

YELLOW

Gas, Oil, Steam,
Petroleum,
or Gaseous
Material

ORANGE

Communication,
Alarm, or
Signal Lines, or
Conduit

PURPLE

Reclaimed
Water, Irrigation,
and Slurry Lines

BLUE

Potable Water

GREEN

Sewers and
Drain Lines

PINK

Temporary
Survey
Markings

WHITE

Typical
Conditions
Proposed
Excavation

BLACK

Snow
Conditions
Proposed
Excavation

Name	Crossing Contact #	Crossing Fax #	EMERGENCY
	crossings@alliancepipeline.com		800-884-8811
ATCO	1-888-420-3464		800-511-3447
	306-778-2770		306-778-2770
	crossingscanada@enbridge.com		877-420-8800
 Kingston Midstream	306-636-7260		888-420-4357
	306-777-9666 applications@transgas.com		306-777-9800
	306-949-0555	306-543-1855	800-265-6000
	crossingrequests@plainsmidstream.com		866-875-2554
	306-975-2414	306-975-3057	306-975-2621
	844-946-4734 safeworkplanning@saskenergy.com		888-7000-GAS (888-700-0427)
	888-757-6937		306-310-2220
SaskTel 	6-1-1		6-1-1
	306-848-0206	306-848-0293	866-747-3546
	877-872-5177 crossings@tcenergy.com		888-982-7222
	306-777-9666 applications@transgas.com		306-777-9800



Request online: www.sask1stcall.com

Emergency Locate Request: Call 1-866-828-4888

IMPORTANT: Not ALL underground facilities are registered with Sask 1st Call.

This list is **NOT** inclusive. It is up to **YOU** to contact all facilities affected by your work.

Need more information about Sask 1st Call?

Contact: beforeyoudig@sask1stcall.com or go to www.sask1stcall.com

CCGA Best Practice Manual



SCGA Safety Videos



1-877-336-3676



www.worksafesask.ca



306-585-3060

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