

## SAFE EXCAVATION WITHIN THE TOLERANCE ZONE

Before you start digging, and during your pre-excitation 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?

Contact: [info@scga.ca](mailto:info@scga.ca) or go to: [www.scga.ca](http://www.scga.ca)

## 5 STEPS TO SAFER DIGGING

### 1. ALWAYS CONTACT SASK 1ST CALL BEFORE DIGGING

- Contact Sask 1st Call at [sask1stcall.com](http://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.
- 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 as per OH&S Part XVII.
- 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**

# UNIVERSAL COLOUR CODES

For Marking Underground Utility Lines

<b>RED</b> Electric Power Lines, Cable, Conduit and Lighting Cable	<b>YELLOW</b> Gas, Oil, Steam, Petroleum, or Gaseous Material	<b>ORANGE</b> Communication, Alarm, or Signal Lines, or Conduit
<b>PURPLE</b> Reclaimed Water, Irrigation, and Slurry Lines	<b>BLUE</b> Potable Water	<b>GREEN</b> Sewers and Drain Lines
<b>PINK</b> Temporary Survey Markings	<b>WHITE</b> Typical Conditions Proposed Excavation	<b>BLACK</b> Snow Conditions Proposed Excavation

Name	Locates	Crossing Contact #	Crossing Fax #	EMERGENCY
 Alliance Pipeline Ltd.		crossings@alliancepipeline.com		800-884-8811
<b>ATCO</b>		780-420-7523	780-420-5649	800-511-3447
 City of Swift Current		306-778-2770	306-773-8402	306-778-2770
 ENBRIDGE		crossingrequests@enbridge.com		877-420-8800
 PEMBINA		306-949-0555	306-543-1855	800-265-6000
 MIPL		306-777-9666 applications@transgas.com		306-777-9800
 PLAINS MIDSTREAM CANADA		crossingrequests@plainsmidstream.com	403-233-0399	866-875-2554
 SASKATON LIGHT & POWER <small>Reliable • Responsible</small>		306-975-2414	306-975-2448	306-975-2621
 SaskEnergy		844-946-4734 safeworkplanning@saskenergy.com		888-7000-GAS (888-700-0427)
 SaskPower <small>Powering the future</small>		888-757-6937		306-310-2220
 SaskTel		6-1-1		6-1-1
 SOURIS VALLEY PIPELINE		306-848-0206	306-848-0293	866-747-3546
 TC Energy		877-872-5177 crossings@tcenergy.com		888-982-7222
 TransGas <small>A SaskEnergy Company</small>		306-777-9666 applications@transgas.com		306-777-9800
 Kingston Midstream		306-636-7260		888-420-4357

Request online: [www.sask1stcall.com](http://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.



Download the CCGA  
Best Practice Manual



1-877-336-3676



[www.astecsafety.com](http://www.astecsafety.com)



Saskatchewan Common Ground Alliance



[www.worksafesask.ca](http://www.worksafesask.ca)



Work to live.

306-536-5778



1-306-585-3060