

USNG UTV Safety Standard (US)



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Driver: Best Practice

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PURPOSE

This standard outlines the requirements for safe operation of utility terrain vehicles (UTVs).

SCOPE

This standard applies to:

- all USNG employees, contractors, and subcontractors executing work on behalf of TC Energy
- the use of UTVs where full size vehicles cannot be used safely

The requirements within this standard are in addition to:

- the minimum requirements of the following:
 - Motor Vehicle Operation Standard (CAN-US-MEX) (Item ID [003721956](#))
 - TES-CT-SLOPE-GL Slope Work Specification (CAN-US-MEX) (Item ID [009199892](#))
 - Personal Protection Equipment Standard (CAN-US-MEX) (Item ID [003721958](#))
 - U.S. Department of Transportation (DOT), Manual on Uniform Traffic Control Devices for Streets and Highways
- the local, state and federal laws, and manufacturer guidelines
- site and project specific requirements

**NOTE:** If there is a conflict in information, the most stringent requirement must be used.



TABLE OF CONTENTS

1. GENERAL REQUIREMENTS.....	3
1.1. Equipment Specific Training.....	3
2. PLANNING FOR USE.....	3
2.1. Pre-use Hazard Assessment	3
3. TRANSPORTATION.....	3
3.1. Transporting to the Jobsite.....	3
4. PRE-USE INSPECTION.....	4
4.1. Minimum Inspection Requirement.....	4
4.2. Minimum Visibility Requirements	4
5. PERSONAL PROTECTION EQUIPMENT (PPE).....	4
5.1. General Requirements.....	4
6. OPERATION	5
6.1. General Requirements.....	5
7. Roles and Responsibilities.....	5
8. Variances	6
9. References	6
9.1. Definitions and Acronyms	6
9.2. Regulations, Codes and Standards.....	6
9.3. TC Energy References.....	6
10. Latest Revision and Approvals.....	7



1. GENERAL REQUIREMENTS



NOTE: The use of all-terrain vehicles (ATVs) is prohibited on any project site in accordance with the Safety Management Plan Template (CAN-US-MEX) (Item ID [003798370](#)). ATVs may only be used in Operations, where ATVs have been identified as the required equipment. Operators and their leaders must obtain approval following the TC Energy Operational Risk Matrix (CAN-US-MEX) (Item ID [1020421068](#)). For additional information on approval, consult with the Field Safety specialists.

1.1. Equipment Specific Training

- 1.1.1. UTV operators must have completed the internal training course 71008188, [All-Terrain/Utility \(ATV/UTV\) Vehicle Operation](#).
- 1.1.2. Contractor or third-party operators must provide proof of training for all drivers which includes:
 - a review of manufacturer or owner manual
 - UTV operations, inspection, maintenance, loading and unloading
 - completion of Recreational Off Highway Vehicle Association (ROHVA) course
 - terrain specific use, including steep slopes
 - competency assessment process including written and demonstrative operator application

2. PLANNING FOR USE

2.1. Pre-use Hazard Assessment

- 2.1.1. Pre-use assessment must include the following:
 - proximity of use on or near roadways
 - visibility requirements
 - safe transport and journey management
 - operation on slopes (no wheeled vehicles on grades greater than 30% {16.7 degrees})
 - traffic control
 - safe parking, loading and unloading
 - PPE requirements

3. TRANSPORTATION

3.1. Transporting to the Jobsite



3.1.1. Transportation of a UTV must be performed in accordance with the Motor Vehicle Operation Standard (CAN-US-MEX) (Item ID [003721956](#)), the manufacturer guidelines, and the following best practices:

- never transport in the bed of a truck
- always pull on to the trailer, never back up
- ensure parking brake is on
- utilize four points of tie-down

4. PRE-USE INSPECTION

4.1. Minimum Inspection Requirement

4.1.1. Pre-use inspection must include at a minimum, the requirements listed in Appendix C of Vehicle Inspection (US) (Item ID [1019864484](#)).

4.2. Minimum Visibility Requirements

4.2.1. The minimum visibility requirements for a UTV when on, near, or crossing roadways must include:

- adherence to local, state, and federal roadway laws
- working lights and turn signals (where applicable)
- standard 6 ft buggy whip or reflective antenna flag
- 360-degree amber strobe light or 20 in. LED light bar affixed on top of the UTV cabin
- roadside emergency reflective triangles
- reflective tape on the front and back bumper

5. PERSONAL PROTECTION EQUIPMENT (PPE)

5.1. General Requirements

5.1.1. Operators must adhere to the PPE requirements in accordance with the Personal Protection Equipment Standard (CAN-US-MEX) (Item ID [003721958](#)) and Motor Vehicle Operation Standard (CAN-US-MEX) (Item ID [003721956](#)).

5.1.2. Operators must wear high visibility vests when near, on, or crossing roadways.



6. OPERATION

6.1. General Requirements



NOTE: Manufacturer installed or approved hard or soft doors must be kept in the closed position during movement.

6.1.1. Operation of the UTVs must be in accordance with:

- Job Safety Analysis (JSA) for the task
- Motor Vehicle Operation Standard (CAN-US-MEX) (Item ID [003721956](#))
- TES-CT-SLOPE-GL Slope Work Specification (CAN-US-MEX)
- (Item ID [009199892](#))
- Job Safety Analysis (JSA) for the task
- manufacturer guidelines
- local, state, and federal laws

6.1.2. The following best practices must be implemented when on or near roadways:

- limit roadway uses and parking, only when necessary
- avoid work in low light, dusk, and dawn conditions
- ensure lights and flashers are always on
- deploy traffic control signage in accordance with the Traffic Control & Parking Plans (Item ID [1001198758](#))
- when determined necessary by a JSA, utilize a full-size vehicle with flashing lights as a chase vehicle to safely escort the UTV along the roadway



NOTE: On rural one lane roads, if parking on or near roadway is required, ensure parking on the shoulder and vehicles can pass without deviating from their lane and that the location is visible to drivers. When on multi lane roads, parking is to be entirely off the roadway.

6.1.3. The following best practices must be implemented when crossing roadways:

- come to a complete stop
- yield to all other traffic and persons on public roads
- utilize all lights and signals to alert others of your intentions of travel

7. ROLES AND RESPONSIBILITIES

Role or Department	Responsibilities
Operator	Ensure adherence to this standard, including completion of required permits and plans.

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8. VARIANCES

Any deviation from this standard's requirements must follow the Controlled Document Library Variance Procedure (CDN-US-MEX) (Item ID [007728702](#)). To initiate a variance request, external parties (e.g. contractors and manufacturers) must contact the Company.

9. REFERENCES**9.1. Definitions and Acronyms**

Term	Definition
ATV	All-terrain vehicle
DOT	Department of Transportation
JSA	Job Safety Analysis
ROHVA	Recreational Off Highway Vehicle Association
UTV	Utility terrain vehicle

9.2. Regulations, Codes and Standards

Organization	Title
U.S. DOT	Manual on Uniform Traffic Control Devices for Streets and Highways

9.3. TC Energy References

Latest versions of all TC Energy controlled documents can be accessed from the [Controlled Document Library](#).

Title	Item ID
Controlled Document Library Variance Procedure (CDN-US-MEX)	007728702
Motor Vehicle Operation Standard (CAN-US-MEX)	003721956
Personal Protection Equipment Standard (CAN-US-MEX)	003721958
Safety Management Plan Template (CAN-US-MEX)	003798370
TC Energy Operational Risk Matrix (CAN-US-MEX)	1020421068
TES-CT-SLOPE-GL Slope Work Specification (CAN-US-MEX)	009199892
Traffic Control & Parking Plans	1001198758
Vehicle Inspection (US)	1019864484

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10. LATEST REVISION AND APPROVALS

Approvals were captured electronically and attached to the published document.

Description of Change	New document.
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