OPERATOR VISIBILITY SURVEY

On-site discussion guide and field checklist for heavy mobile equipment

Document No: UV-OPS-001 | Revision: 1 | September 2026

01 PURPOSE

Use this survey to guide a short, practical on-site conversation about visibility during normal work. Tick the questions that are relevant, capture observations in the operator's own words, and identify what requires further assessment. This form supports discussion only; it does not replace a site risk assessment, operating procedure, engineering review or change-management process.

02 AT A GLANCE

Audience	Operators, maintainers, supervisors and other personnel with direct experience of the machine and task.
Scope	Any heavy mobile equipment, operating area, task sequence or shift arrangement.
Purpose	Capture practical visibility observations before an assessment, engineering review or improvement decision.
Recommended time	20–30 minutes. Keep the discussion practical, open and focused on work as it is performed.
Facilitator	Customer representative, supervisor, safety representative or UltraView representative.
What this is not	Not a performance review, formal risk assessment, audit, or a commitment to change equipment or controls.

03 BEFORE YOU START

ON-SITE PREPARATION CHECKLIST

- [ ] Confirm the machine, task, operating area and conditions being discussed.
- [ ] Invite people with direct experience of the work — operators, maintainers and supervisors where appropriate.
- [ ] Identify current controls relevant to the discussion, such as mirrors, cameras, detection, procedures and communications.
- [ ] Record observations as described. Do not turn the discussion into a performance review.
- [ ] Capture follow-up questions, residual concerns and the right owner for the next step.

FACILITATOR NOTE

Let the crew talk. If an operator says the view is adequate for a task, record that result. What matters is the practical experience of the task as it is performed, including the conditions that change the view.

04 SURVEY CONTEXT

Customer / operation	_____
Machine / fleet / task	_____
Date / location / conditions	_____
Facilitator / participants	_____

05 QUESTION CHECKLIST

Work through the sections in any order. Use only the questions that are relevant to the machine, task and operating context. Add notes in the crew's own words.

1. TYRE, GROUND AND CLEARANCE VISIBILITY

[ ] During the task, can the operator confirm the tyre, ground and clearance points that matter from the cab?
[ ] Where does the operator lose sight of a tyre, berm, edge, obstacle or ground reference?
[ ] Which side of the machine, task phase or operating condition makes this more difficult?
[ ] When the clearance cannot be confirmed, what is the current practical response?

OBSERVATIONS / OPERATOR WORDS

_____
_____
_____

2. OFFSIDE, REARWARD AND REVERSING VISIBILITY

[ ] What can the operator practically see in the offside and rearward areas for the task being discussed?
[ ] Do mirrors, cameras or other aids provide the information needed, or does a gap remain?
[ ] Are there particular locations, manoeuvres, attachments, loads or conditions where the view changes?
[ ] Have there been events, near misses, interruptions or workarounds where visibility was a factor?

OBSERVATIONS / OPERATOR WORDS

_____
_____
_____

06 QUESTION CHECKLIST (CONTINUED)

3. SETTING MIRRORS AND USING THE AVAILABLE VIEW

[ ] Can the operator set the relevant mirrors from the cab, or does adjustment require assistance or leaving the cab?
[ ] How often is an adjustment needed before or during the shift, and what usually triggers it?
[ ] When an adjustment is needed, what gets in the way of completing it at the right time?
[ ] Does the operator ever work with a view that was set for another person, task or condition?

OBSERVATIONS / OPERATOR WORDS

_____
_____
_____

4. SHIFT CHANGE, HANDOVER AND CHANGING CONDITIONS

[ ] At shift start or crew change, what visibility checks or adjustments are normally required?
[ ] How long do these checks and adjustments take, and do they affect availability or task timing?
[ ] What changes when another operator, task, load, attachment, weather or operating area is involved?
[ ] What would make the visibility set-up process more practical and repeatable?

OBSERVATIONS / OPERATOR WORDS

_____
_____
_____

5. PRIORITY ISSUE AND ADDITIONAL OBSERVATIONS

[ ] What is the first visibility issue the operator would improve for this machine or task?
[ ] Is there a task, location, condition or machine where the visibility question is more significant?
[ ] What has not been asked that the crew believes should be considered?

OBSERVATIONS / OPERATOR WORDS

_____
_____
_____

07 FOLLOW-UP SUMMARY

Use this page to capture the questions that require further investigation. Keep any next step specific to the machine, task, target zone and existing control environment.

PRIORITY OBSERVATION / QUESTION	FOLLOW-UP OWNER / NEXT STEP

08 CLOSE-OUT CHECKLIST

BEFORE CLOSING THE DISCUSSION

- [ ] Confirm the notes reflect the crew's observations accurately.
- [ ] Separate immediate operational actions from questions that require technical, safety or engineering review.
- [ ] Record any current controls that must remain in place while follow-up occurs.
- [ ] Agree the owner, timeframe and communication route for each follow-up item.
- [ ] Retain the completed form with the relevant site documentation in accordance with customer requirements.

09 IMPORTANT NOTICE

This survey is a discussion and information-capture tool. It does not certify visibility, replace a customer risk assessment, approve equipment modification, or replace any site procedure, training, inspection, maintenance, traffic-management, camera, detection, collision-avoidance or other control.

UltraView complements a site's broader control environment. Any visibility configuration, fitment decision or control change should be assessed for the specific machine, task, target zone and operating conditions.