

TECH BRIEF



Safety Certifications

At ADC Equipment Innovations, we deliver pragmatic system and component design, as well as innovative and reliable technologies. One of the biggest ways we do that is through rigorous and thorough safety testing procedures, as required for off-road equipment.

Our team coordinates testing services as part of our cab design offerings to global industry standards. Operator Protective Guards, with a specific focus on Roll Over Protective Structure (ROPS) and Falling Object Protective Structure (FOPS).

Adoption of ISO Standards on ROPS and TOPS, along with standards such as the ISO 3776, ISO3471, and other series on operator restraint systems, will aid in the safe design of mobile construction, industrial, mining, forestry, and agricultural machinery across North America and globally.

There are many different levels of safety testing. Contact us to help determine what's right for your cab.

Which Certification and Level Does Your Cab Need?

Roll Over Protective Structure (ROPS)

Heavy machinery takes on big jobs in sometimes dangerous environments. If your machines perform tasks in dense forests with unknown elevation, move incredibly heavy loads, test the cab's balance, or encounter a number of different situations where they may be a roll over risk, you should invest in ROPS testing. Keep in mind that the type of machine, total mass (including attachments), and environmental temperature will be significant factors in its ROPS assessment.

Falling Object Protective Structure (FOPS)

Machinery that takes on forestry, earth moving, and mining jobs are tough, but they also need an added level of protection from the large debris they're exposed to. Those big branches and rubble can not only do damage to the cab but are also very dangerous for operators. If your machine's primary application includes any kind of falling debris or lifting large objects, you should consider FOPS certification. If a top safety window is planned, this must also be a part of the FOPS test structure.

Tip Over Protective Structure (TOPS)

Your machines, specifically excavators and other earth moving machinery, are built to deal with immensely heavy loads. Still, accidents can happen and at ADC Equipment Innovations, we make it our mission to ensure the safety of your operators in the event of a machine tip over. For TOPS certifications, we evaluate the maximum load of your machine during its specific application and ensure that should a tip over occur, the operator could walk away from the incident.

Operator Protective Structure (OPS)

No matter what your machine's application or environment, operator safety is always paramount. At ADC Equipment Innovations, we have developed a repeatable means of evaluating Operator Protective Structures (OPS) on skidders, grapple skidders, and crawlers when used in the harvesting of trees. OPS are structures/enclosures whose primary purpose is to minimize the possibility of operator injury and without adverse effect on operator visibility and comfort, letting your users get the job done safely. Remember, adding any holes or moving support structures voids previous certifications.

CONTACT

Please visit ADCequipmentinnovations.com or contact us directly for more information. Our dedicated team of long-term, invested employees look forward to working with you.

7102 Zinsor Street
Weston, WI 54476

1-920-975-1200 Main Phone
1-715-355-4440 Main Fax

<http://adcequipmentinnovations.com/>
sales@adcequipment.com Email Us

GS Global Resources
926 Perkins Drive
Mukwonago, WI 53149

1-262-378-5200 Main Phone
1-202-378-5400 Main Fax
1-800-261-8735 Toll Free

GSCR.com
sales@gscr.com