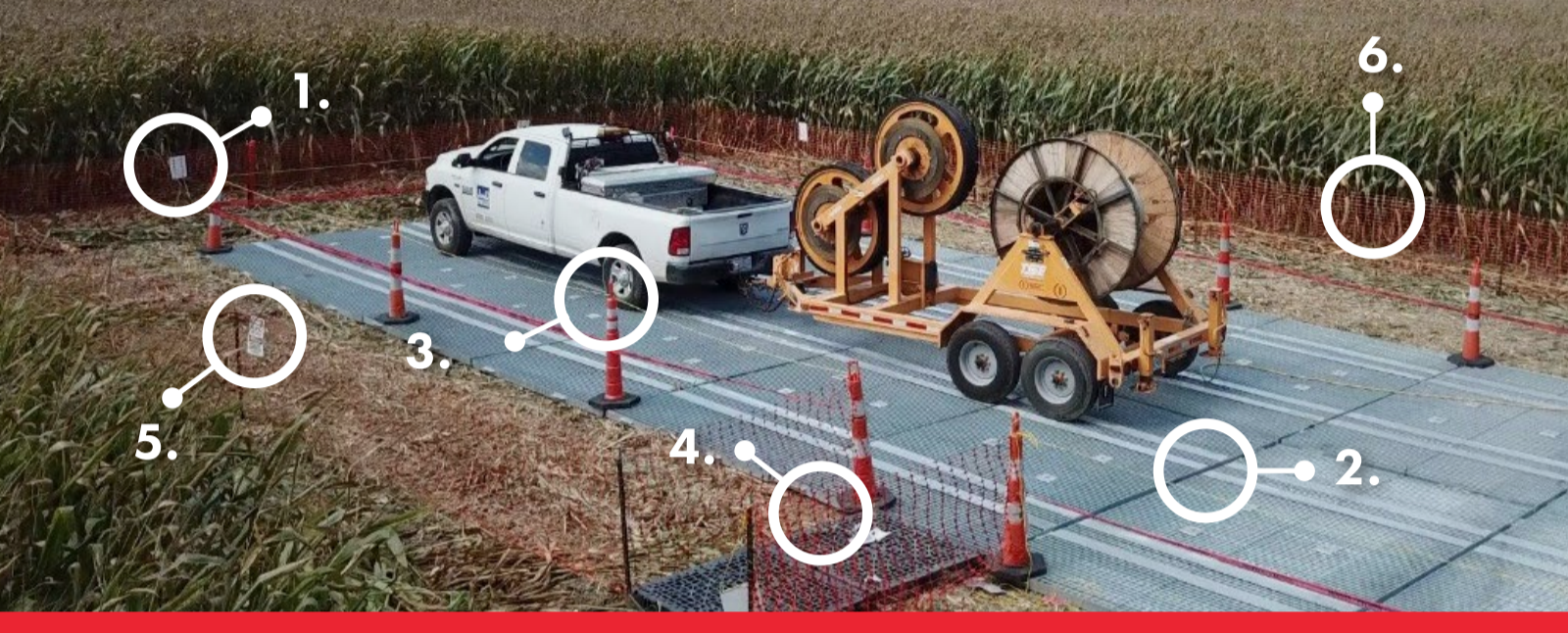


EPZ GROUNDING GRATES 101

WHAT IS AN EPZ GROUNDING GRATE?

An EPZ Grounding Grate is a galvanized steel grate that is placed in work zones where powerlines are present. They create an equipotential bonded and grounded work zone to protect personnel from fault currents. Additional grates can be connected to create a larger protective area.



EPZ SAFETY ZONE: EXAMPLES

1. Warning signage for the public
2. Individual mats connected to create an EPZ area
3. Inner boundaries prevent workers from stepping out of the zone
4. Non-conductive step-off area with minimum approach distance based on voltage
5. Additional warning signage
6. Outer safety fencing prevents the public from stepping into the area

WHY USE EPZ GROUNDING GRATES?

By creating a protected area where current can flow into the ground, EPZ grounding grates make it safer for workers to walk in places where extremely dangerous levels of electricity are present.



BENEFITS OF GROUNDING GRATES

- Steel grates and connecting cables are reusable
- Quick assembly and removal mean lower labor costs
- One-piece grates offer long life spans



POTENTIAL DANGERS OF NOT USING EPZ GROUNDING GRATES

- Exposure to lethal levels of electricity
- Tripping hazards caused by makeshift solutions such as chain link fencing
- Other solutions break down under constant wear

