Justrite
Safety Group

Data Center Construction Jobsite Safety Solutions

Identifying risk. Prioritizing action. Supporting safer jobsites.

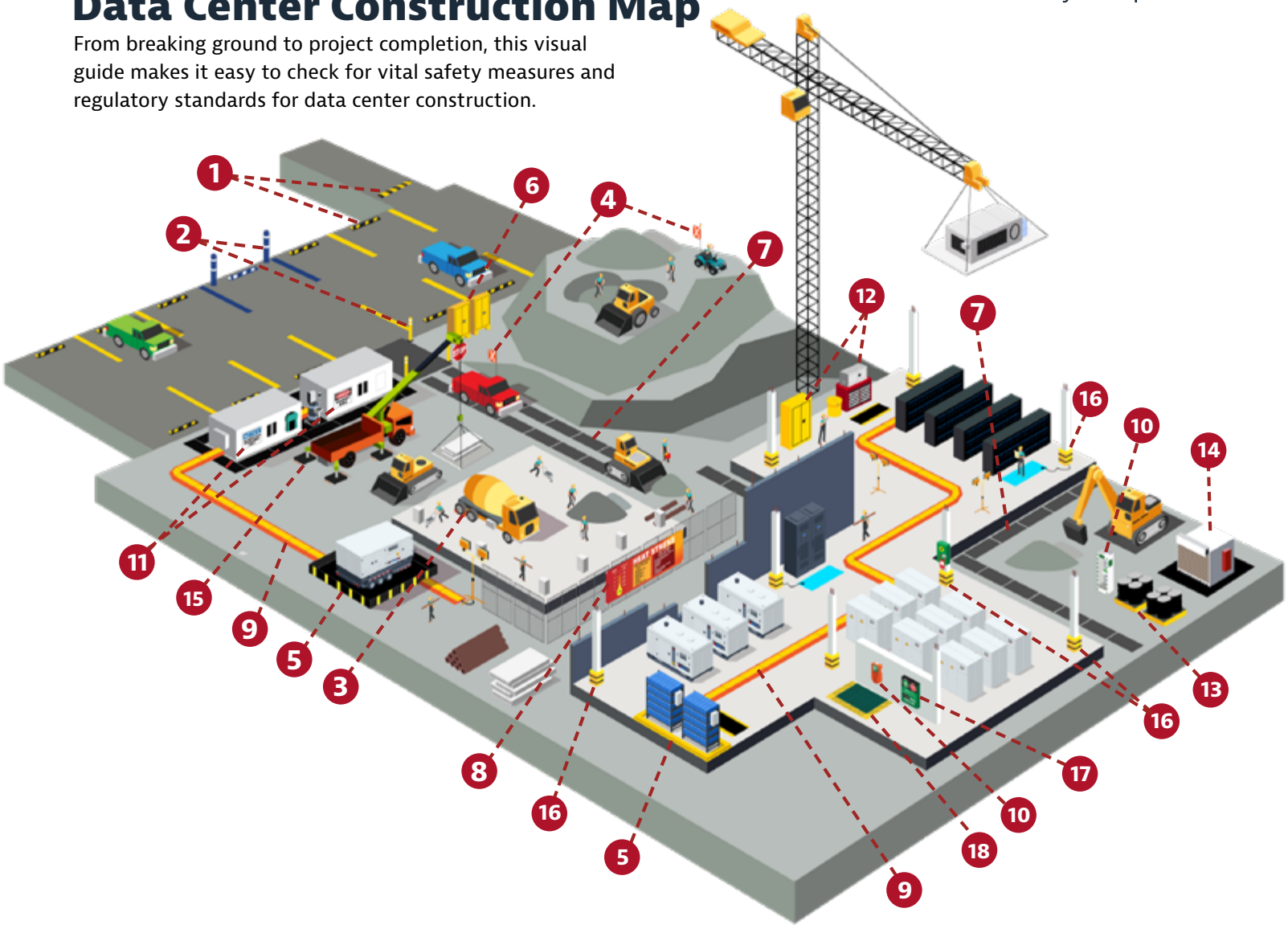
Solutions informed by real data center construction jobsite observations.



Justrite Safety Group

Data Center Construction Map

From breaking ground to project completion, this visual guide makes it easy to check for vital safety measures and regulatory standards for data center construction.



1. **Parking Stops and Speed Bumps**
   Traffic control devices enhance safety in construction site parking areas.
2. **Bollards**
   Robust steel barriers protecting buildings and pedestrians from vehicle impacts in high-traffic areas.
3. **Wheel Chocks**
   Prevent vehicle roll-aways on inclines, enhancing site safety with durable, lightweight design.
4. **Warning Whips**
   Ensure high visibility and reliability for vehicles or equipment in any condition.
5. **Spill Containment Berms**
   Flexible barriers that contain spills, protecting the environment and ensuring regulatory compliance.
6. **Outdoor Flammable Cabinets**
   Weatherproof storage for hazardous materials, enhancing site safety and meeting OSHA standards.
7. **Ground Protection Mats**
   Durable mats supporting heavy loads, creating stable pathways over uneven or muddy terrain.
8. **Fence Wraps**
   Customizable barrier fabric enhancing privacy, safety, and branding on construction site perimeters.
9. **Cable Protectors**
   Durable ramps shielding electrical cables from damage, supporting up to 34,000 lbs per axle of equipment.
10. **Emergency Shower & Eye Washes**
    Portable decontamination stations for rapid response to chemical exposures on-site.
11. **Safety Signs**
    High-visibility signage communicating hazards, directions, and safety information to workers.
12. **Safety Cabinets**
    Securely stores flammable or hazardous materials, preventing accidents.
13. **Spill Containment Pallets**
    Leakproof pallets contain hazardous spills and ensure compliance.
14. **Lithium Battery Storage Buildings**
    Specialized buildings provide secure, fire-resistant lithium battery storage.
15. **SafetyTech® Outrigger Pads**
    Durable pads prevent sinking, protect surfaces, and enhance stability.
16. **Column Protectors**
    Impact-resistant sleeves shield columns from vehicle or equipment collisions.
17. **Digi-Day® Electronic Scoreboards**
    Track safe days on scoreboard sign to inform, alert, and promote safe work work days.
18. **Eye Wash Mats**
    Bright yellow/green mats mark eye wash and safety shower locations.

Why Data Center Construction Teams Choose Justrite Safety Group

One Partner. Every Hazard.

Data center construction sites face many safety and compliance exposures across every phase of work. Managing those risks through multiple vendors makes consistency harder to maintain. Justrite Safety Group is your complete safety partner across the entire jobsite.

- 150,000+ safety solutions
- 20+ product categories
- 11 leading safety brands

Our products are built for real-world data center construction conditions and aligned with compliance standards like OSHA, NFPA, ANSI, and EPA.

Informed by Real Jobsite Experience

Because our solutions are used daily on active data center construction sites, we understand how hazards appear, evolve, and compound over time. Our history of jobsite analysis informs how we evaluate conditions and prioritize risk across every area and phase of work.

Areas We Support

- Site Exterior & Trailer
- Ground Work
- Foundation Work
- Structural Work
- Mechanical/Electrical/Plumbing
- Building Envelope

How We Define Risk

Critical – Immediate safety, environmental, or regulatory exposure

Important – Elevated likelihood of incidents or compliance findings

Best Practice – Preventive controls supporting daily safety and culture

What We Commonly See on Construction Jobsites

Area and Phase	Best Practice	Important	Critical
Site Exterior & Trailer	1	5	2
Ground Work	1	1	5
Foundation Work	0	0	4
Structural Work	0	2	4
Mechanical/Electrical/Plumbing	0	0	2
Building Envelope	0	1	3

Observation frequency and severity vary by site conditions.

The Cost of Non-Compliance on Data Center Construction Sites

On jobsites, missed hazards create more than risk.

They create cost.

Non-compliance can result in:

- Project delays and stop-work orders
- OSHA citations and corrective actions
- Injury-related downtime and claims
- Reputation and bid risk tied to safety performance

What We Commonly See on Data Center Construction Jobsites

Site Exterior & Trailer

Observation	Risk Level	Product Reference	
Dirt and mud at entry increases slip risk	Important	Boot Scraper, Entrance Matting	☐
Lack of barrier marking site limit, increasing risk of unauthorized entry	Important	Fence Barrier Whip	☐
Loose surface cables pose trip and damage risk	Important	Dropover Cable Protector	☐
Safety visual comms are unclear or lacking	Critical	Signage Boards	☐
Slip risk due to dirty/muddy boot traffic	Important	Entrance Mat	☐
Unsafe access due to inadequate traction	Critical	Anti-Slip Mat	☐
Unclear PPE requirements	Best Practice	Custom and Stock Safety Signs	☐
No warnings of high decibel noise	Important	Decibel Meter Sign	☐

Ground Work

Observation	Risk Level	Product Reference	
Missing or damaged wheel chocks—risk of vehicle rollaway during excavation	Critical	Wheel Chock	☐
No ground protection—equipment damaging soil/hazards for slips	Critical	Ground Protection Matting	☐
Inadequate barricading of hazardous or restricted areas	Critical	Barricade Tape	☐
Worker role/certification not visible	Best Practice	Hard Hat Stickers	☐
Building edges not protected from heavy vehicle impacts	Important	Bollards	☐
No secondary containment for chemicals/preventing spill	Critical	Spill Containment, Dispensing, Pallets/Cabinets	☐
Heat stress risk during summer operations	Critical	Heat Stress Sign	☐

Foundation Work

Observation	Risk Level	Product Reference	
Power cables/hoses unprotected from damage	Critical	Cable/Hose Ramp	☐
Equipment not fitted with high-visibility warning whips	Critical	Warning Whip	☐
Inadequate ground stabilization under heavy equipment	Critical	Ground Protection Matting	☐
No emergency safety shower nearby in hazardous chemical use	Critical	Portable Safety Shower/Eyewash	☐

What We Commonly See on Data Center Construction Jobsites

Mechanical/Electrical/Plumbing

Observation	Risk Level	Product Reference	
Access to live/energized points during install causing serious/arc flash risk	Critical	Lockout Tagout System	☐
Unsecured temporary wiring/hoses - electrocution/trip hazard	Critical	Cable Hook	☐

Structural Work

Observation	Risk Level	Product Reference	
Crane/equipment not stabilized; crane tip or collapse risk	Important	Rigger Crane Pad	☐
Chemicals unprotected or in noncompliant storage	Critical	Flammable Safety Cabinet	☐
No storage for Li-ion tools/batteries - fire/explosion hazard	Critical	Lithium-Ion Storage Cabinet	☐
No spill response provisions for chemical handling	Critical	Spill Kit/Containment Kit	☐
Hydrocarbons carried in noncompliant plastic containers	Critical	Steel Safety Can	☐
Welding not shielded from other workers - arc flash/fire hazard	Important	Welding Screen	☐

Building Envelope

Observation	Risk Level	Product Reference	
Drums of hazardous solids uncontained/secured	Critical	Outdoor Drum Storage	☐
IBC containers for chemicals lack spill containment	Critical	IBC Containment System	☐
No immediate warning for areas with falling debris/heavy equipment	Critical	Danger/Warning Sign	☐
Dirty ground/weather run-off at site entrance	Important	Ground Protection Matting	☐



Data Center Construction sites demand flexible, durable safety solutions.

Our family of brands helps manage fire risk, spills, traffic, worker safety, and more through a complete safety system designed for the field.

Critical Risk Solutions

Product Reference	SKU Numbers	
Anti-Slip Mat	550S0033BL, 562S0035BL, 620S3060BY	☐
Barricade Tape	MPT00, MPT01, FBG602	☐
Cable Hook	GD5X125-O/B, CHQUICKHOOK-O	☐
Cable/Hose Ramp	GD5X125-O/B, YJ5-125-Y/B, UHB5060	☐
Danger/Warning Sign	MCRT042VA, FBC720, MEQM184VA, MCRT008VA	☐
Signage Boards	PBR101YL, PPG105, PPG300, SP125390	☐
Flammable Safety Cabinet	814520	☐
Ground Protection Matting	AM48HH8, AM48, VM48, TTXL	☐
Heat Stress Sign	SCK701, SCK702, FBW207, SP124477L, SP125388L	☐
IBC Containment System	1680	☐
Steel Safety Can	UI50	☐
Lithium-Ion Storage Cabinet	231703	☐
Lockout Tagout System	KSK115, KSK234, KSK700	☐
Outdoor Drum Storage	1656	☐
Portable Safety Shower / Eyewash	40K45G, MHW2000-1	☐
Spill Containment, Dispensing, Pallets/Cabinets	28524, 28514, 28519	☐
Spill Kit / Containment Kit	1625	☐
Warning Whips	FS8XL-O, S8XL-SPQD-O, FS8X-SPQD-O	☐
Wheel Chock	UC1700, UC1500-6, AT3512-RP-Y, AT3514-RP-Y	☐

Important Risk Solutions

Product Reference	SKU Numbers	
Anti-Fatigue Mat	418S0235BY, 479S0035YB, 562S0035BL, 549S3840YB	☐
Bollards	1738	☐
Boot Scraper, Entrance Matting	352S1215BL, 345S3660BL, 166S0035CH	☐
Decibel Meter Sign	SCS601, SCS603, SCS605	☐
Dropover Cable Protector	FL1X1.5-O, FL1X1.5-Y, FL1X1.5-B	☐
Entrance Mat	340S0035BL, 345S3660BL, 599S0035BL	☐
Fence Barrier Whip	FBW112, FBW118, FBW306, FBW208, FBW210	☐
Ground Protection Matting	AM48HH8, AM48, VM48, TTXL	☐
Rigger Crane Pad	PAD1818-1	☐
Welding Screen	PWD100BU, PWD108BU, PWD300, MCHL672VA, MF116	☐

Best Practice Solutions

Product Reference	SKU Numbers	
Hard Hat Stickers	LHTL334, LHTL115, LHTL344, LHTL354	☐
Custom and Stock Safety Signs	PPE236, MCRT034VA, MPPE775VA, MPPE240VA	☐

Trusted by the Construction Industry. Justrite Safety Group is proud to be a member of the Associated General Contractors of America, the nation's leading construction association. This affiliation reflects our commitment to jobsite safety, industry best practices, and supporting the professionals who build our world.

STUD-E® On-Site Safety & Compliance Assessment

- Identifies site-specific risks aligned to OSHA, NFPA, EPA, and ANSI
- Ranks findings by Critical, Important, and Best Practice
- Provides actionable recommendations mapped to proven solutions

Schedule your complimentary STUD-E assessment
justrite.com/stud-e-survey

STUD-E™

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Explore the Solutions Behind the Recommendations

Scan any resource below to learn more about how specific solutions are applied in real jobsite conditions, including key features, typical use cases, and relevant safety or regulatory considerations. These materials are intended to support informed decision-making and proper implementation on site.



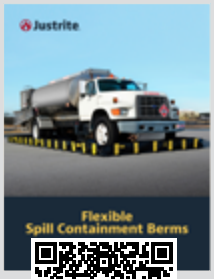
Safety Cabinets



Safety Cans



Cable Protectors



Spill Containment



Plastic Drums



Ground Protection



Safety Showers



Safety Signs



Lithium-Ion Charging Cabinet



Wheel Chocks

The user is solely responsible for ensuring compliance with all applicable local, state, and federal rules, regulations, and laws, including, but not limited to the Federal Mine Safety and Health Act and the Occupational Safety and Health Act. The information provided herein does not constitute legal advice and should not be relied upon as a substitute for independent verification of compliance obligations.

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