



**SAFESITE  
SOLUTIONS**  
Engineering ♦ Education ♦ Equipment



**FACILITY MAINTENANCE**

**REPAIRS & RETROFIT**

**CRANE INSPECTION & CERTIFICATION**

**FALL PREVENTION & PROTECTION**

# Facility Services Capabilities

PREVENTIVE/PREDICTIVE MAINTENANCE • REPAIRS • RETROFIT • TRAINING



## Preventive/Predictive Maintenance

- **Building:** Inspect anchor bolts, connection bolts, and cross bracing, inspect/repair roofing, gutters, wall panels and cooler sealing, roof leak repairs
- **Doors:** Inspect/adjust/lube overhead doors and man doors
- **Air Handling:** Supply/Exhaust fans, dampers and louvers, HVAC systems, replace belts, lube direct drives
- **Cranes:** Maintenance, inspections/testing/certifications, load testing, survey, alignment
- **Electrical:** Lighting, fire/gas detection, PA/alarm, access control, lightning protection and testing, arc-flash testing/inspection
- **Sitework:** Site fencing, security gates, guard houses, E&S controls

## Repairs

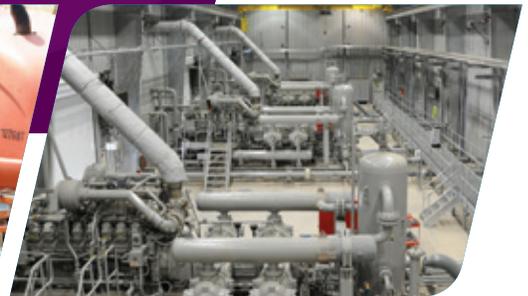
- **On-site:** Repairs as required/requested, all building systems and components

## Retrofit

- **Building:** Fall systems, safety ladders, walkways, stairs, handrails, catwalks, checker plate walkways, lifeline technologies, additions, renovations, Building work for compressor pulls/replacement
- **Doors:** Add/relocate overhead doors, man doors, add explosion proof openers
- **Air Handling:** Louvers, exhaust fans, dampers, hoods, electronics, BARD units
- **Electrical:** Lighting, fire/gas detection, PA/alarm, access control, lightning protection
- **Cranes:** Add intrinsically safe explosion proof radio controllers, runway alignment

## Training

- **Facility based:** Crane, rigging, man lift, forklift, confined space



# Benefits

- Operational readiness/Reduced shutdowns
- Equipment longevity
- Automatic scheduling
- Database of service records
- Warranty record keeping
- Value from economy of scale
- Improved response times
- Structured payments

software →

Description	Asset Type ID	Asset Type Description	Department ID	Department Description	Line ID	Line Description	Status ID	Status Description	Start Date
BZC-0001 Benzol Compressor Station, Storage Energy	BZC	Building					Active	Asst In Use	Monday, 10/1/2013
BZC-0002 Benzol Station, Steel Station Inc.	BZS	Building					Active	Asst In Use	Monday, 10/1/2013
CRS-0001 Crane 01, Benzol Compressor Station, Storage Energy	CRS	Crane					Active	Asst In Use	Thursday, 10/3/2013
FI-0001 Exhaust Fan 01, Benzol Compressor Station, Storage Energy	FAN	Fan					Active	Asst In Use	Wednesday, 10/2/2013
FI-0002 Exhaust Fan 02, Benzol Compressor Station, Storage Energy	FAN	Fan					Active	Asst In Use	Thursday, 10/3/2013
FI-0003 Exhaust Fan 03, Benzol Compressor Station, Storage Energy	FAN	Fan					Active	Asst In Use	Thursday, 10/3/2013
FI-0004 Exhaust Fan 04, Benzol Compressor Station, Storage Energy	FAN	Fan					Active	Asst In Use	Thursday, 10/3/2013
MD-0001 Man Door 01, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0002 Man Door 02, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0003 Man Door 03, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0004 Man Door 04, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0005 Man Door 05, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0006 Man Door 06, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0007 Man Door 07, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0008 Man Door 08, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0009 Man Door 09, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
MD-0010 Man Door 10, Benzol Compressor Station, Storage Energy	MD	Man Door					Active	Asst In Use	Monday, 10/1/2013
CHD-0001 Overhead Door 01, Benzol Compressor Station, Storage Energy	CHD	Overhead Door					Active	Asst In Use	Wednesday, 10/2/2013
CHD-0002 Overhead Door 02, Benzol Compressor Station, Storage Energy	CHD	Overhead Door					Active	Asst In Use	Thursday, 10/3/2013

# Fall Protection Solutions

PREVENTIVE/PREDICTIVE MAINTENANCE • REPAIRS • RETROFIT • TRAINING

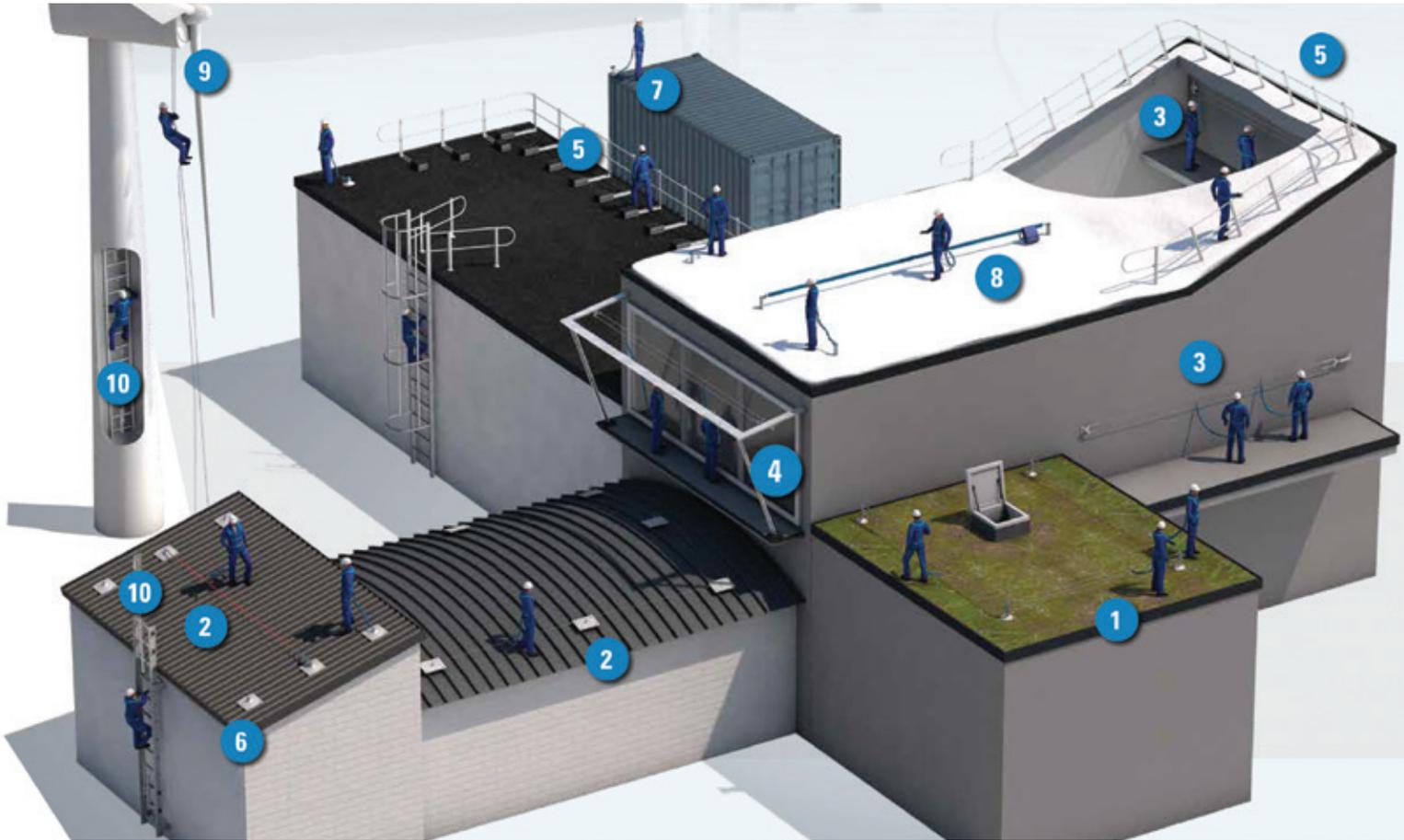


illustration by XSPlatforms

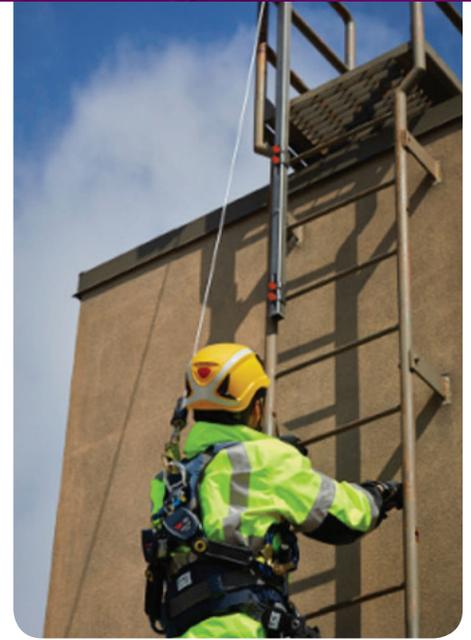
## LEGEND

1. ROOF: a multi-cable lifeline solution
2. ROOF: a single-cable lifeline solution
3. WALL: a multi-cable lifeline solution
4. OVERHEAD: a multi-cable lifeline solution
5. GUARD RAILS: a solution for collective fall protection
6. ANCHOR POINTS: rotating single anchor points
7. TWIST ANCHOR: a temporary anchor point for shipping containers
8. TEMPORARY LIFELINE: a lifeline which is easy to install and remove
9. ROPE ACCESS ANCHOR POINTS: an anchor point for repelling/rope access
10. VERTICAL LIFELINE: a lifeline for safe access to aluminum and steel ladders

**Safety First - For Life!**

The image above outlines the different applications of the permanent fall protection solutions offered by Steel Nation. The right fall protection solution for a particular project depends on the number of users, the desired freedom of movement and other project requirements.

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## OSHA Caged Ladder Update

OSHA has aligned fall protection requirements for general industry with those for construction, easing compliance for employers who perform both types of activities. This is a safety issue and Steel Nation encourages you to come into compliance as soon as possible.

- **STARTING NOVEMBER 19, 2018**

All new fixed ladders being installed over 24' must be equipped with a personal fall arrest system or ladder safety system (i.e. retractable fall arrest system or trolley system). Ladders with cages or wells will no longer be permitted to be installed.

- **STARTING NOVEMBER 19, 2018**

Any fixed ladders over 24' that do not currently have any protection at all (cage or well) must, at minimum be equipped with a personal fall arrest system or ladder safety system.

- **STARTING NOVEMBER 18, 2036**

Any existing caged ladders over 24' must be equipped with a personal fall arrest system or ladder safety system.

### Safety First - For Life!

- In-House Safety Director
- 100% ISNetworld Certified
- SafeLand USA Trained
- Lifeline & Ladder Safety
- DISA: Drug & Alcohol Testing
- Best Possible EMR Rating
- Accident-Free Record Since Business Inception
- Continuous HSE Improvement & Weekly Training
- First Aid, CPR, AED, OSHA Trained & Certified Project Managers
- Full PPE/FR with State-of-the-Art Gas Monitors at All Times

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