

**Underground Warning Tape I Accident Prevention Tags** 

# MSI PROJECT LIFE CYCLE

## WHAT IS MSI PROJECT LIFE CYCLE?

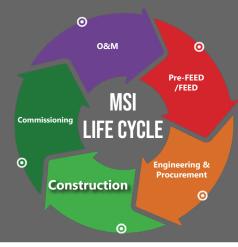
Marking Services, Inc. is a tier one manufacturer and turnkey labeling contractor. Providing signs, mechanical and electrical identification, asset management technology and associated material takeoff, field engineering and installation services to the construction industry for over 35 years.

We provide labeling solutions for each phase and workscope of a project cycle. Having trained experienced engineers on-staff to provide material takeoffs, field surveys & engineering services, turnkey installation and project management personnel, this offers our customers a wide array of options for performing work activities with consistency and quality throughout a project's life cycle.

## WHY DOES THIS MATTER?

Marking Services, Inc. will provide guidance and establish specifications to communicate meaningful information to site personnel in support of safe operations, process safety management, emergency response, and compliance with regulatory requirements through an effective and standardized project labeling system. MSI wants your facility to be set up with "best practices" for plant labeling, products, services, and instant access to critical asset information using mobile technology.

This Mobilization Catalog is the first step in our construction project life cycle offering. For more information about MSI project life cycle offerings please see back of catalog.





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Our products are proudly made in the USA



## FENCE, PERIMETER, & SITE ACCESS SIGNS

## ROAD, DIRECTIONAL, & TRAFFIC CONTROL SIGNS

### Fence, Perimeter, & Site **Access Signs**

Defining site boundaries, access points, and gates are a significant and essential task at the beginning of a project. Use these signs to define key infrastructure, fence & gate access, and parking designations.

- Available in .030" Aluminum
- Dual language legends available
- Custom legends, colors, and sizes available
- Holes included for mounting

#### **Order Fence, Perimeter, & Site Access Signs**

- Use the charts below to determine the size and legend
- Example: the 7"x10" sign "Danger Keep Out" would read: 210 7x10 57





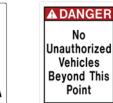
7" x 10" 210 7x10 121 10" x 14" 210 10x14 121 12" x 18" 210 12x18 121



7" x 10" 210 7x10 57 210 10x14 57 210 12x18 57



7" x 10" 210 7x10 348 12" x 18" 210 12x18 348



7" x 10" 210 7x10 129 10" x 14" 210 10x14 129 12" x 18" 210 12x18 129

DO NOT

**ENTER** 



7" x 10" 210 7x10 275 10" x 14" 210 10x14 275 12" x 18" 210 12x18 275

## **WAREHOUSE ENTRANCE**

7" x 10" 210 7x10 262 10" x 14" 210 10x14 262 12" x 18" 210 12x18 262

## CONSTRUCTION **ENTRANCE**

7" x 10" 210 7x10 253 10" x 14" 210 10x14 253



7" x 10" 210 7x10 259 10" x 14" 210 10x14 259 12" x 18" 210 12x18 259



SECURITY **ALERT** THIS FACILITY UNDER ₹ 24 HOUR **SURVEILLANCE** TRESPASSERS WILL BE PROSECUTED 12" x 12" 210 12x12 249

24" x 24" 210 24x24 249



CONSTRUCTION MONDAY - FRIDAY 7AM-6PM SATURDAY 8AM-5PM NO SUNDAY OR HOLIDAYS



18" x 12" 210 18x12 239

### Road, Directional, & Traffic Control Signs

Provide crucial travel regulations & directional information within your site. Our Road, Directional, & Traffic Control Signs help maintain safety and increase efficiency.

- Engineering grade reflective aluminum
- Does not comply with DOT
- Dual language legends available
- Custom legends, colors, and sizes available
- Holes included for mounting



24" x 24" 211REF 24x24 321 30" x 30" 211REF 30x30 321



24" x 24" 211REF 24x24 350 30" x 30" 211REF 30x30 350



24" x 24" 211REF 24x24 313 30" x 30" 211REF 30x30 313



24" x 24" 211REF 24x24 315 30" x 30" 211REF 30x30 315



24" x 24" 211REF 24x24 317 30" x 30" 211REF 30x30 317



24" x 24" 211REF 24x24 352 30" x 30" 211REF 30x30 352



24" x 24" 211REF 24x24 323 30" x 30" 211REF 30x30 323



24" x 24" 211REF 24x24 251 30" x 30" 211REF 30x30 251



24" x 24" 211REF 24x24 319

CONSTRUCTION

**PARKING** 

14" x 20" 210 14x20 331



24" x 24" 211REF 24x24 325



24" x 24" 211REF 24x24 327 30" x 30" 211REF 30x30 327



24" x 24" 211REF 24x24 329 30" x 30" 211REF 30x30 329



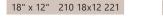
14" x 20" 210 14x20 297 20" x 28" 210 20x28 297



14" x 20" 210 14x20 335 20" x 28" 210 20x28 335



14" x 20" 210 14x20 333 20" x 28" 210 20x28 333



18" x 12" 210 18x12 241

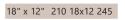
18" x 12" 210 18x12 307

HOURS OF

## OFFICE, TRAILER, & TEMPORARY FACILITY SIGNS

# COMPANY VEHICLE PARKING

3





18" x 12" 210 18x12 232



18" x 12" 210 18x12 233



18" x 12" 210 18x12 238



18" x 12" 210 18x12 237



18" x 12" 210 18x12 250



24" x 18" 210 24x18 234



24" x 18" 210 24x18 235



18" x 12" 210 18x12 243



18" x 12" 210 18x12 244



18" x 12" 210 18x12 236

# Office, Trailer, & Temporary Facility Signs

Provide information for all areas of your site. These Office, Trailer, & Temporary Facility Signs ensure that employees have access to any necessary site information wherever they are.

- Available in .030" Aluminum
- Dual language legends available
- Custom legends, colors, and sizes available
- Holes included for mounting

### **Order Office, Trailer & Temporary Facility Signs**

- Use the charts below to determine the size and legend
- Example: the 7"x10" sign "Caution Watch Your Step" would read: 210 7x10 343



FOR EMERGENCY
USE ONLY
YOUR EMERGENCY
CONTACT INFO HERE

7" x 10" 210 7x10 280 10" x 14" 210 10x14 280



7" x 10" 210 7x10 281 10" x 14" 210 10x14 281



7" x 10" 210 7x10 343 10" x 14" 210 10x14 343



7" x 10" 210 7x10 175 10" x 14" 210 10x14 175



7" x 10" 210 7x10 267 10" x 14" 210 10x14 267

**TRAILER#** 



7" x 10" 210 7x10 337 10" x 14" 210 10x14 337



7" x 10" 210 7x10 341

10" x 14" 210 10x14 341

7" x 10" 210 7x10 339 10" x 14" 210 10x14 339



210 7x10 337 210 10x14 337 8" x 14" 210 8x14 273



7" x 10" 210 7x10 213 10" x 14" 210 10x14 213



7" x 10" 210 7x10 283 10" x 14" 210 10x14 283



7" x 10" 210 7x10 289 10" x 14" 210 10x14 289







7" x 10" 210 7x10 265 10" x 14" 210 10x14 265



7" x 10" 210 7x10 264 10" x 14" 210 10x14 264



7" x 10" 210 7x10 293 10" x 14" 210 10x14 293



7" x 10" 210 7x10 271 10" x 14" 210 10x14 271



7" x 10" 210 7x10 345 10" x 14" 210 10x14 345



7" x 10" 210 7x10 300 10" x 14" 210 10x14 300



7" x 10" 210 7x10 269 10" x 14" 210 10x14 269



7" x 10" 210 7x10 219 10" x 14" 210 10x14 219



7" x 10" 210 7x10 303 10" x 14" 210 10x14 303



7" x 10" 210 7x10 217 10" x 14" 210 10x14 217



7" x 10" 210 7x10 114 10" x 14" 210 10x14 114



7" x 10" 210 7x10 117 10" x 14" 210 10x14 117



18" x 12" 210 18x12 239



18" x 12" 210 18x12 311 24" x 36" 210 24x36 311



24" x 36" 210 24x36 347

How to Use Fire Extinguisher

Remember the PASS wide (Pull - Aim - Equester - Durry)

P A S S
Pull Aim Squeeze - Sweep
Days - March of the Pull of the Color of t

18" x 12" 210 18x12 309



18" x 4" 210 18x4 308

### **Site Safety Signs**

Easily communicate important site information to visitors and employees with our Site Safety Signs. Suited to meet a variety of general site needs, these signs are the ideal choice for site entry requirements, fence signage, risk identification, PPE requirements, and more.

- Available in .030" Aluminum
- Dual language legends available
- Custom legends, colors, and sizes available
- Holes included for mounting

### **Order Site Safety Signs**

- Use the charts below to determine the size and legend
- Example: the 7"x10" sign "Danger High Voltage" would read: 210 7x10 51





**Custom Text** 



| Dual Language

DANGER

**CONSTRUCTION SITE** 

NO TRESPASSING

7" x 10" 210 7x10 121

DANGER OPEN TRENCH

7" x 10" 210 7x10 123



VEHICLE ENTRY PERMIT

NO SMOKING

000000

7x10 123 7" x 10" 210 7x10 24 0x14 123 10" x 14" 210 10x14 24



DANGER

**NO SMOKING** 

**BEYOND THIS** 

**POINT** 

7" x 10" 210 7x10 66

10" x 14" 210 10x14 66

7" x 10" 210 7x10 27 10" x 14" 210 10x14 27



7" x 10" 210 7x10 30 10" x 14" 210 10x14 30



7" x 10" 210 7x10 75 10" x 14" 210 10x14 75



7" x 10" 210 7x10 51 10" x 14" 210 10x14 51



7" x 10" 210 7x10 87 10" x 14" 210 10x14 87



7" x 10" 210 7x10 36 10" x 14" 210 10x14 36



7" x 10" 210 7x10 42 10" x 14" 210 10x14 42



7" x 10" 210 7x10 57 10" x 14" 210 10x14 57



7" x 10" 210 7x10 137 10" x 14" 210 10x14 137



7" x 10" 210 7x10 143 10" x 14" 210 10x14 143



7" x 10" 210 7x10 145 10" x 14" 210 10x14 145



7" x 10" 210 7x10 153 10" x 14" 210 10x14 153



7" x 10" 210 7x10 93 10" x 14" 210 10x14 93





7" x 10" 210 7x10 131 10" x 14" 210 10x14 131

DO NOT

ENTER

**A DANGER** 

No

Unauthorized

Vehicles

**Beyond This** 

Point

7" x 10" 210 7x10 129

10" x 14" 210 10x14 129

**A** DANGER

Nο

7" x 10" 210 7x10 147

10" x 14" 210 10x14 147

FORKLIFT

**TRAFFIC** 

**KEEP CLEAR** 

7" x 10" 210 7x10 96

**FOLLOW THE OPERATION** 

PROCEDURE FOR SAFETY.

KEY MANAGEMENT IN ON

THE OPERATION PROCEDURE

7" x 10" 210 7x10 165

10" x 14" 210 10x14 165

10" x 14" 210 10x14 96

Smoking



7" x 10" 210 7x10 125 10" x 14" 210 10x14 125



7" x 10" 210 7x10 141 10" x 14" 210 10x14 141



7" x 10" 210 7x10 135 10" x 14" 210 10x14 135



7" x 10" 210 7x10 134 10" x 14" 210 10x14 134



7" x 10" 210 7x10 149 10" x 14" 210 10x14 149



7" x 10" 210 7x10 151 10" x 14" 210 10x14 151



7" x 10" 210 7x10 167 10" x 14" 210 10x14 167



7" x 10" 210 7x10 291 10" x 14" 210 10x14 291



7" x 10" 210 7x10 90 10" x 14" 210 10x14 90



7" x 10" 210 7x10 157 10" x 14" 210 10x14 157



7" x 10" 210 7x10 169 10" x 14" 210 10x14 169



7" x 10" 210 7x10 171 10" x 14" 210 10x14 171



7" x 10" 210 7x10 173 10" x 14" 210 10x14 173

NOTICE

HARD HATS

**MUST BE WORN** 

IN THIS AREA

7" x 10" 210 7x10 108

10" x 14" 210 10x14 108

NOTICE

Inside

7" x 10" 210 7x10 193

10" x 14" 210 10x14 193

100% Tie Off

Barricades



7" x 10" 210 7x10 179 10" x 14" 210 10x14 179

NOTICE

ALL PPE REQUIRED

BEYOND THIS POINT



7" x 10" 210 7x10 177 10" x 14" 210 10x14 177



7" x 10" 210 7x10 183 10" x 14" 210 10x14 183



7" x 10" 210 7x10 185 7" x 10" 210 7x10 181 10" x 14" 210 10x14 181 10" x 14" 210 10x14 185



7" x 10" 210 7x10 187 10" x 14" 210 10x14 187



7" x 10" 210 7x10 189 10" x 14" 210 10x14 189



7" x 10" 210 7x10 191 10" x 14" 210 10x14 191



7" x 10" 210 7x10 197 10" x 14" 210 10x14 197



7" x 10" 210 7x10 199 10" x 14" 210 10x14 199



7" x 10" 210 7x10 203 10" x 14" 210 10x14 203



7" x 10" 210 7x10 195 10" x 14" 210 10x14 195



7" x 10" 210 7x10 215 10" x 14" 210 10x14 215



7" x 10" 210 7x10 207 10" x 14" 210 10x14 207



7" x 10" 210 7x10 209 10" x 14" 210 10x14 209



7" x 10" 210 7x10 211 10" x 14" 210 10x14 211



7" x 10" 210 7x10 102 10" x 14" 210 10x14 102



7" x 10" 210 7x10 161 10" x 14" 210 10x14 161







18" x 12" 210 18x12 223



18" x 12" 210 18x12 225



18" x 12" 210 18x12 229



18" x 12" 210 18x12 287



18" x 12" 210 18x12 227



19.5" x 14" 210 19.5x14 205

# Don't see the sign you need? Go Custom!

Reach out to us today, we will design any custom sign to meet your specific needs.





### **MS-511 Barricade & Warning Tape**

Barricade & Warning Tapes aid in preventing accidents by increasing the visibility of hazards. These tapes are completely customizable, you can customize legends and or include company logos at no additional charge.

- Custom legends available
- Highly visible
- Available in 500 ft. or 1000 ft. roll lengths
- 3" or 6" widths
- 4 mil. thickness
- Red, yellow, orange, green, blue, purple, or white background available







### **Underground Warning Tape**

Color-coded tape guards against costly and dangerous "dig-ins".

- Designed to be buried above metallic underground piping or cables to warn excavators of utility lines
- Non-adhesive 4 mil. polyethylene tape, surface printed
- Available in 500 ft. or 1000 ft. roll lengths
- 3" or 6" widths
- Available in red, yellow, orange, green, blue, purple, or white
- Custom legends at no additional charge



Legend	Text/Background Color	3" Part #	6" Part #
CAUTION BURIED ELECTRICAL LINE BELOW	BLK/RED	52201	52208
CAUTION BURIED FUEL LINE BELOW	BLK/YEL	52202	52209
CAUTION BURIED NATURAL GAS LINE BEL.OW	BLK/YEL	52203	52210
CAUTION BURIED PIPE LINE BELOW	BLK/YEL	52204	52211
CAUTION BURIED SEWER LINE BELOW	BLK/GRN	52205	52212
CAUTION BURIED STEAM LINE BELOW	BLK/YEL	52207	52213
CAUTION BURIED WATER LINE BELOW	BLK/BLU	52206	52214
CAUTION CAUTION	BLK/YEL	51116	NA

## **Detectable Underground Warning Tape**

Detectable Underground Warning Tape locates buried non-metallic pipes before you dig.

- Printed 4.5 mil foil lets you use any standard metal detector to quickly locate underground services
- Available in 500 ft. or 1000 ft. roll lengths
- 3" or 6" widths
- Recommended burial depths: 3" tape Less than 24" deep; 6"- More than 24" deep
- Custom legends at no additional charge



Legend	Text/Background Color	3" Part #	6" Part #
CAUTION BURIED ELECTRIC LINE BELOW	BLK/RED	52215	52220
CAUTION BURIED GAS LINE BELOW	BLK/YEL	52216	52221
CAUTION BURIED OXYGEN LINE BELOW	BLK/GRN	52226	52227
CAUTION BURIED PIPE LINE BELOW	BLK/YEL	52217	52222
CAUTION BURIED SEWER LINE BELOW	BLK/GRN	52218	52223
CAUTION BURIED WATER LINE BELOW	BLK/BLU	52219	52224



### **Accident Prevention Tags**

DO NOT REMOVE THIS TAG

SEE OTHER SIDE

Back 2

Our Accident Prevention Tags draw attention to potentially dangerous or abnormal situations. They can be used for tagging equipment to convey specific messages, instructions, procedures, or warnings. These tags come with nylon ties for easy installation.





### **Ordering Accident Prevention Tags**

- Determine the four-digit part number
- To determine which back, add 1 or 2 to the end of the part number
- EXAMPLE: To order an ELECTRICAL HAZARD tag with back 1, order part #40251 A regular ELECTRICAL HAZARD tag with side 2 would be part #40252







Part #4024

DANGER

DO NOT DRINK

THIS WATER

Part #4008

DANGER

DO NOT **OPERATE** 

Part #4014





(DANGER)







Part #4016



DANGER

DO NOT ENERGIZE

EQUIPMENT LOCKED OUT

Part #4026

DANGER

DO NOT OPEN

Part #4010



Part #4034

DANGER

CONTAINS ASBESTOS FIBERS AVOID CREATING DUST

CANCER AND LUNG DISEASE HAZARD

Part #4005

DANGER

DO NOT

OPEN THIS VALVE







Part #4012



Part #4027



DO NOT CLOSE THIS VALVE

Part #4007

DANGER

DO NOT OPERATE

MEN WORKING

Part #4013

Part #4029



# **MSI LIFE CYCLE**

Where can MSI support your project?

#### **FEED**

# & Procurement

- Specification development to standardize facility identification for regulatory compliance.
- Early project planning and budgetary estimating for direct and indirect labeling & signage products, services, and asset management technology.
- QR code coordination for use, location, and content for assets under various mechanical, electrical and instrumentation, and piping subcontractors.
- Consulting for asset management technology, Engineering Services, supply and installation of labeling products for Advance Work Packaging, system turnover and facility operations/ management.
- 3D Scanning Services for project design planning.

Define Engineering
Services, product supply,
and installation plans
in accordance with
project schedule and
turnover requirements at
Mechanical Completion
(MC) or other key
milestone points.

**Engineering** 

- Define asset management technology and turnkey scope of work for Advanced Work Packaging and system turnover requirements during construction, commissioning, and into facility operations.
- Collaborate with key project vendors and subcontractors for consistent implementation of labeling products and asset management technology.

## Construction

- Field survey and supply of temporary construction and safety signage, including customized Barricade Tape and Accident Prevention Tags throughout construction execution.
- Perform Turnkey Services for engineering, supply and installation of labeling for mechanical and piping identification in accordance with the standardized specification, construction work packages, project schedule, and turnover requirements.
- Supply E&l and telecom contractors with electrical asset and cable identification products in accordance with the project's standardized specification, construction work packages, project schedule, and turnover requirements.
- 3D Scanning Services for construction activities, like model comparisons to actuals, rework, or removing/replacing major equipment.

### Commissioning

- Validation Services to verify project P&IDs for regulatory compliance.
- Engineering Services for on-site, 3D Scanning for as-built record.
- Engineering Services to develop as-built P&IDs from project redlines.
- Validate the integration of asset management technology.
- QR code validation of use, location, and content of facility assets.
- Schedule Validation
   Services of asset
   installations and project
   progress for mechanical
   completion (MC) or other
   key milestones.

# Operations & Maintenance

- Provide ongoing support services for the facility's maintenance and Management of Change (MOC) which includes:
  - Supply/installation of labeling products.
  - Update P&IDs to asbuilt for facility changes and new or modified assets.
  - Additional data mining or linking documents to new or modified assets.

#### **CORPORATE HEADQUARTERS**

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#### **DOMESTIC OFFICES**

Hillsboro, OR Houston, TX

#### **INTERNATIONAL OFFICES**

Canada Korea Qatar Germany Singapore



Marking Services Incorporated®