



PROCESS  
INDUSTRY  
PRACTICES

COMPLETE REVISION  
May 2022

***Pipeline Systems***

**PIP PLSC0012**  
**Handling, Hauling, and Stringing for Pipelines**

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## PURPOSE AND USE OF PROCESS INDUSTRY PRACTICES

In an effort to minimize the cost of process industry facilities, this Practice has been prepared from the technical requirements in the existing standards of major industrial users, contractors, or standards organizations. By harmonizing these technical requirements into a single set of Practices, administrative, application, and engineering costs to both the purchaser and the manufacturer should be reduced. While this Practice is expected to incorporate the majority of requirements of most users, individual applications may involve requirements that will be appended to and take precedence over this Practice. Determinations concerning fitness for purpose and particular matters or application of the Practice to particular project or engineering situations should not be made solely on information contained in these materials. The use of trade names from time to time should not be viewed as an expression of preference but rather recognized as normal usage in the trade. Other brands having the same specifications are equally correct and may be substituted for those named. All Practices or guidelines are intended to be consistent with applicable laws and regulations including OSHA requirements. To the extent these Practices or guidelines should conflict with OSHA or other applicable laws or regulations, such laws or regulations must be followed. Consult an appropriate professional before applying or acting on any material contained in or suggested by the Practice.

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## 1. Scope

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This Practice provides requirements for unloading, stockpiling, hauling, and stringing activities for steel and non-metallic pipes for pipelines in accordance with *ASME B31.4* and *B31.8*.

## 2. References

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Applicable parts of the following industry codes and standards should be considered an integral part of this Practice. The edition in effect on the date of contract award should be used, except as otherwise noted. Short titles are used herein where appropriate.

### Industry Codes and Standards

- American Society of Mechanical Engineers (ASME)
  - ASME B31.4 – *Pipeline Transportation Systems for Liquids and Slurries*
  - ASME B31.8 – *Gas Transmission and Distribution Piping Systems (Code)*

## 3. Definitions

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*owner*: The party who owns the facility or pipeline wherein the piping will be used

*purchaser*: The party who awards the contract to the supplier. The purchaser may be the owner or the owner's authorized agent.

*supplier*: The party responsible for stringing the pipe

## 4. Requirements

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### 4.1 General Handling

- 4.1.1 Unloading, hauling, and stringing of line pipe shall begin after the right-of-way has been cleared and the associated work areas have been authorized by permit, state or local governing body, or owner.
- 4.1.2 Unauthorized personnel shall not be permitted near unloading areas.
- 4.1.3 The work areas shall be maintained so that all persons involved in unloading, hauling, or stringing of line pipe shall be able to see and be seen by all other persons engaged in the same process.
- 4.1.4 The work shall be performed in accordance with all state and local regulations.
- 4.1.5 If construction line lists are provided that specify storage areas for the pipe, the requirements in the lists shall be followed.
- 4.1.6 Before any work is started, all above ground facilities (e.g., overhead power lines, valves, and piping assemblies) in the work areas shall be marked with warning signs or caution tape.

*Note*: Check right-of-way restrictions for potential matting requirements for other pipelines in area. Heavy equipment with minimal cover can damage existing pipelines.