



PROCESS  
INDUSTRY  
PRACTICES

*January 2017*

***Pipeline Systems***

**PIP PLSC0012**  
**Stringing of 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. 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

## 3. Requirements

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### 3.1 General Handling

- 3.1.1 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.
- 3.1.2 Unauthorized personnel shall not be permitted near unloading areas.
- 3.1.3 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.
- 3.1.4 The work shall be performed in accordance with all state and local regulations.
- 3.1.5 If construction line lists are provided that specify storage areas for the pipe, the requirements in the lists shall be followed.
- 3.1.6 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.

### 3.2 Unloading

#### 3.2.1 Pipe and Coating Care

- 3.2.1.1 Any activity that would distort, dent, or otherwise damage the line pipe or pipe coating shall not be permitted.
- 3.2.1.2 The pipe shall not be permitted to drop or strike objects.

*Comment*: These events can result in personnel injury or pipe/coating damage.
- 3.2.1.3 Padding used on the pipe during transportation shall be retained and used for stockpiling pipe or shall be disposed of in accordance with applicable regulations.