

ASME B31P-2017

Standard Heat Treatments for Fabrication Processes

ASME Code for Pressure Piping, B31

AN AMERICAN NATIONAL STANDARD



**The American Society of
Mechanical Engineers**

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Two Park Avenue • New York, NY • 10016 USA

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FOREWORD

In 2011, the B31 Standards Committee for Pressure Piping determined that more consistency was needed between the B31 Code Sections regarding preheat and postweld heat treatment (PWHT) rules. The B31 Fabrication & Examination Technical Committee decided that a B31 Standard covering these rules would be the best way to provide this consistency; a proposal was developed, which was accepted by the B31 Standards Committee and the BPTCS.

This Standard is intended to provide requirements for preheating and PWHT when mandated by the applicable Code Section or by the engineering design being used. While the Code Sections provide only preheat and PWHT rules for ferrous materials, this Standard may provide expanded rules and alternatives for a wider variety of materials, although all materials that may be possible to use may not be covered.

Under direction of ASME Standards and Certification, both U.S. Customary and SI units are provided.

Following approval by the B31 Committee and ASME, and after public review, ASME B31P-2017 was approved by the American National Standards Institute on November 15, 2017.