This standard specifies requirements for the qualification of suppliers of heat treatment services used in the manufacture of equipment for the petroleum and natural gas industries.

This standard is applicable to suppliers providing heat treatment services where API product standards require such services or otherwise specified as a requirement for conformance. The requirements of this standard apply to batch heat treatment operations that establish or affect the final mechanical properties and include stress relief operations. This standard applies to carbon steel, low-alloy steel, stainless steel, and nickel-base alloys. Case hardening, induction hardening, and flame hardening are not covered by this standard.

This standard establishes the requirements for three heat treatment specification levels (HSLs). These HSL designations define different levels of heat treatment technical, quality, and qualification requirements.

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## Contents

1. **Scope** ................................................................. 1
2. **Normative References** ........................................... 1
3. **Terms, Definitions, Acronyms, and Abbreviations** ........... 1
   3.1 Terms and Definitions ......................................... 1
   3.2 Acronyms and Abbreviations .................................. 2
4. **Heat Treatment Supplier Qualification** ....................... 2
   4.1 General .......................................................... 2
   4.2 Qualification Requirements .................................... 3
   4.3 Heat Treatment Specification Levels ......................... 4
   4.4 Processing Class ............................................... 4
5. **Responsibilities and Duties** ................................... 5
6. **Personnel Training Requirements** .............................. 5
7. **Heat Treatment Facility Capability** .......................... 5
   7.1 General ........................................................ 5
   7.2 Identification and Traceability ............................... 5
8. **Heat Treatment Equipment Temperature Uniformity Survey (TUS) and Calibration** ......................... 6
   8.1 Calibration .................................................... 6
   8.2 HSL-1 and HSL-2 Furnace TUS and Instrumentation Calibration .......................... 6
   8.3 HSL-3 Furnace TUS and Instrumentation Calibration .......... 8
   8.4 Records ........................................................ 10
9. **Heat Treatment Procedures** .................................... 10
   9.1 Furnace Atmosphere ............................................ 10
   9.2 Process Validation .............................................. 10
10. **Furnace Loading** ............................................... 10
11. **Heat Treatment Quench Requirements** ....................... 11
12. **Heat Treatment Equipment Maintenance** ..................... 12
13. **Manufacturing Process Specification** ......................... 12
   13.1 General ........................................................ 12
   13.2 Heat Treatment Variables .................................... 13
   13.3 Quench Variables ............................................. 13
   13.4 Inspection and Test Requirements ........................... 13
14. **Heat Treatment Records** ....................................... 14
   14.1 General ........................................................ 14
   14.2 Document Control ............................................. 14
   14.3 Records to be Maintained by Heat Treatment Supplier .......... 14
   14.4 Requirements for Heat Treatment Certificates ............... 14
   14.5 Record Retention .............................................. 15
15. **Handling, Storage, and Shipping** ............................ 15