

# To whom it may concern

## ASME Code Section XIII

### 1 New ASME Code Section XIII

The ASME Boiler and Pressure Vessel Code has been extended by the additional Section XIII with the title "Section XIII RULES FOR OVERPRESSURE PROTECTION". Various of the previous 12 Sections such as Section IV or VIII defined the requirements for overpressure protection devices, their design, testing, materials and approvals. In the ASME BPVC Sec. XIII, a large part of these requirements is now combined into one section and deleted in the respective other sections. This means that from now on, these requirements are no longer spread over several sections, but are combined in Section XIII.

Scope of the ASME BPVC Sec. XIII:

#### **"Product Scope / Abstract**

*This Section provides rules for the overpressure protection of pressurized equipment such as boilers, pressure vessels, and piping systems. This standard provides requirements for topics such as design, material, inspection, assembly, testing, and marking for pressure relief valves, rupture disk devices, pin devices, spring-actuated non-reclosing devices, and temperature and pressure relief valves. This standard also covers devices in combination, capacity and flow resistance certification, authorization to use the ASME Certification Mark, installation, and overpressure protection by system design."*

In ASME BPVC Sec. VIII UG 150 - 156, the following requirements regarding safety devices remain:

UG-150 GENERAL REQUIREMENTS  
UG-151 RESPONSIBILITIES  
UG-152 DETERMINATION OF PRESSURE RELIEVING REQUIREMENTS  
UG-153 OVERPRESSURE LIMITS  
UG-154 PERMITTED PRESSURE RELIEF DEVICES AND METHODS  
UG-155 PRESSURE SETTINGS AND PERFORMANCE REQUIREMENTS  
UG-156 INSTALLATION

A cross reference list between the previous requirements in ASME BPVC Sec. VIII and the current ASME BPVC Sec. XIII can be found in Nonmandatory Appendix PP of ASME BPVC Sec. VIII.

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## 2 Technical changes

There are only minor technical changes to be found in ASME BPVC Sec. XIII. The only significant change for LESER safety valves relates to the marking of pilot operated safety valves.

In the future, the pilot and the main valve must be marked with a so-called "Unique Identifier". This means that the serial number for the entire valve will be marked both on the nameplate of the pilot valve and on the nameplate on the main valve.

## 3 Documentation

Moving the safety relief valve requirements to another section of the ASME Code requires the modification of various documents that previously referenced ASME BPVC Sec. VIII. These include, but are not limited to:

- Catalogs
- LESER test procedures
- LESER test certificates
- VALVESTAR sizing data sheets

## 4 Approval/ Nameplate

The approvals for LESER safety valves remain valid without restriction. According to current knowledge, the UV stamp remains on the nameplate. Any changes in the certificates will be announced in due time.

## 5 Transition period

As usual for all amendments to the ASME Code, there is a transition period of 6 months until the necessary adaptations have to be implemented by the manufacturer. LESER is already working on the implementation and we expect to complete all necessary activities in time for 01.01.2022. Until the end of the transition period, it is not an error or violation of the ASME Code if the ASME Code Section VIII is still referenced.



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