2023 CODE CHANGE WEBINAR

Webinar FAQs

Is there anything specific regarding changes to the use of SA-105 material in flanges?	Even though UG-44(b) exists as an option for Weld Neck flanges, there is not currently an explicit method in the code books for slip-on flanges based on rating; however, here are some potential solutions: • You can run the slip on as a "custom" flange using 4.16 and its consideration of external loads. • You can consider PVP2005-71254 by Wiliam Koves. • You can use the Kellogg method. • If you are a DesignCalcs user, you can click here to access our help resource on external loads and rated flanges.
Are there any major changes in the UG section of VIII-1?	We did not consider UG to have major changes. However, as several of our engineers are ASME code committee members, we can always assist with a specific question. Feel free to reach out to us here.
Isn't the MDR the Manufacturer Design Report?	Yes. MDR stands for Manufacturer Design Report not Data Report.
ASCE 7-22 has not been adopted by IBC yet and is on schedule to be adopted in 2024's edition of IBC. How can I prepare?	Correct, this leads to an interesting set of requirements potentially. You may need to run ASCE 7-22 Wind/Seismic loads and IBC 2021 (ASCE 7-16) loads on 2023 edition vessels until IBC 2024 is in effect in order to meet both ASME 2023 and IBC 2021 requirements. As we noted, there were changes in how the loads were calculated in 7-22.
What about all occupational and safety laws in the U.S. for PEs?	As the focus of the webinar was on changes in the BPV codes and ASME piping codes, we cannot comment on occupational and safety laws. However, we expect that other codes, jurisdictions, and contracts will still require

	certifying engineers (PEs) to be involved even if the minimum code requirements do not in many cases.
Does ASME Section VIII Div 2, Part 5 require a PE certification regarding the buckling analysis?	It is our understanding that the UDS can include this analysis as a requirement without a PE certifying it; however, the MDR still requires the certifying engineer since this is Design By Analysis.
If we use Part 5 without fatigue analysis, is a PE certification required?	In D2, the UDS no longer requires a PE (per code) unless a fatigue analysis is required. The MDR still requires a PE if Design By Analysis is performed (not just if a fatigue analysis is performed). There is no longer a requirement simply based on vessel class for the UDS or MDR.
What about all structural components? Is any PE certification required?	Structural components are mostly outside the code (D2). There is no special language in the code requiring a PE for these components, but this does not mean that other codes do not require it.
Do you provide any other training I can access for Section VIII and IX requirements?	Yes! We provide self-paced, online training for all of our software solutions that guide users in how to design and analyze for ASME Section VIII, IX, (among others) compliance. Click here for more information.
Do you have any other webinars coming up?	Yes! Our webinar over our latest plant design solution from PRG will be available on December 19th, 2023. You can register here.

For additional comments, questions, or concerns, please visit info.thinkcei.com/en/contact-us.