



Equity Engineering Practices (EEPs)



Comprehensive & Customizable Engineering Standards

Corporate standards are essential for sharing knowledge across your company and ensuring your plant and equipment are operating safely and reliably in development for more than 20 years. The Equity Engineering Practices® (EEPs) embody Equity’s key pillars of knowledge, excellence, and technology to deliver the industry’s most comprehensive and commercially available engineering standards.

The EEPs give your employees and contractors access to current, searchable, and customizable corporate standards for cradle-to-grave asset management. The EEPs allow you to integrate legacy documents and SME knowledge into your standards to enhance mechanical integrity programs, improve equipment availability, and reduce inspection and maintenance costs.

BENEFITS



Increase quality of engineering programs



Capture and transfer knowledge



Reduce risk and improve organizational efficiencies



Ensure regulatory compliance

EEP Sections

With 21 sections and the piping class database, the EEPs provide engineering guidance, integrate subject matter expertise (SME), and conform to your corporate needs. The EEPs align with the latest industry Codes and Standards, satisfy process safety management (PSM) requirements, and incorporate recognized and generally accepted good engineering practices (RAGAGEP).

- Access the ready-to-use and easily searchable Best Practices from the cloud-native platform
- Capture, integrate, and transfer employee knowledge across the organization
- Harmonize document knowledge and lessons learned in one central location
- Integrate the customizable piping class database with industry standard CAD systems (e.g., CADWorx & Autodesk Plant 3D)
- Apply uniform standards from initial equipment design through to decommissioning
- Provide unlimited employee access and project-specific access to contractors

		KEY
01	Index and Use	
— 02	Documentation Requirements	—
03	Safety & Loss Prevention	Added over the past 5 years
04	Structures & Foundations	
05	Piping	—
— 06	Rotating Equipment	Significant content additions over the past 5 years
— 07	Pressure Vessels	
08	Heat Transfer Equipment	—
09	Storage Tanks	Significant content revisions over the past 2 years
10	Materials	
11	Refractory, Insulation, & Fireproofing	
— 12	Instrumentation & Controls	
— 13	Electrical	
14	Packaged Equipment	
— 15	Inspection	
— 16	Marine Facilities	
— 17	Solids Handling	
— 18	Mechanical Integrity	
19	Special Emphasis MI	
— 20	Pipeline Design	
— 21	Pipeline Operation & Maintenance	

Latest EEPs Highlights

Capital Projects Support

Capital projects support includes documents for the design and construction of new units and the repurpose or reuse of existing equipment and infrastructure. In addition, our team of SMEs can support your capital projects by using their knowledge of industry Codes and Standards and the content in the EEPs to reinforce your lifecycle reliability and cost decisions.

Re-Use Practices (RUPs)

This collection will support owner-users evaluating how to repurpose or reuse equipment for new conditions, renewable fuels, and biodiesel. The RUPs incorporate the requirements for the evaluation of equipment (fixed and rotating), piping, storage tanks, instrumentation and controls, and structures in new services. The RUPs also include materials review, operations review, inspection and maintenance history reviews, and financial evaluation of replacement versus modification.

International Engineering Practices

The European Standards (EN) are a collection of unified standards for products, services, testing procedures, or systems recognized by the European Union and many other countries and globally based institutions. Equity is adding international engineering practices that will cover in-service piping, vessels, and tanks. In addition, the EEPs will offer EN equivalents to US Standards, and the extensive materials of construction tables will be updated to the EN equivalent.

EEPs Platform

The EEPs cloud-native platform is designed specifically for the management and use of engineering practices. The responsive platform is optimized for both desktop and tablet usage, providing subscribers access whenever and wherever they need. This one-of-a-kind platform includes company-specific customization, intuitive search and filtering capabilities, enhanced security and controls, and increased performance. The EEPs development team is 100% dedicated to the platform and our subscribers.

EEP Global Community

As EEPs subscribers, you join our collaborative knowledge-sharing community, and membership has its perks. Your active participation involves engaging with other global members to share experiences, exchange ideas, and solve similar issues. We listen to our community and will incorporate suggested non-proprietary best practices into the EEPs for the benefit of the entire community. You also have access to several subscriber-only events including quarterly coordinator meetings, technical webinars presented by Equity SMEs, and an annual in-person user group meeting.

The Equity Difference

875+

engineering standards

325

pipng classes database

13,500+

EEPs Users

20+

years in development

Subscription Tiers

We offer three flexible subscription options to support your operational excellence - choose the tier that best suits the needs of your plant or organization.

The subscription tiers start at \$35K USD; please contact us for more information.



Inform

The Inform tier provides access to download and print Equity-branded EEPs and the piping classes. Subscribing to this tier will give you access to modern and updated standards to improve the overall safety and equipment reliability at your plant.



Integrate

The Integrate tier provides unlimited access to company-branded EEPs and the piping classes, the ability to freeze project content, and the ability to search legacy documents on the EEP platform. Choosing the Integrate tier will help you supplement an existing standards collection that can be shared across the organization to improve overall compliance.



Customize

The Customize tier is the most complete package available. Subscribers can fully customize the EEPs and piping classes, upload legacy documents, and have unlimited access to Equity SMEs. Selecting the Customize tier will provide your entire organization with fully managed and customized corporate standards that meet site-specific and operational needs.



I LIKE THAT I CAN CALL THE EQUITY EXPERT WHO WROTE THE PRACTICE AND GET AN EXPLANATION WHY A PARTICULAR REQUIREMENT IS IN THERE. THEY ARE INVOLVED IN ALL THE INDUSTRY COMMITTEES AND KNOW WHAT'S HAPPENING. **THEIR BUSINESS IS TO SERVE CUSTOMERS LIKE ME.**

Reliability Engineer, West Coast Refinery