

The background of the slide features a dark, monochromatic image. In the center is Leonardo da Vinci's famous drawing of the Vitruvian Man, overlaid on a circular metal plate. The plate is heavily cracked and has several large, dark bolts or rivets around its perimeter. The overall aesthetic is industrial and technical.

# Da Vinci Code!

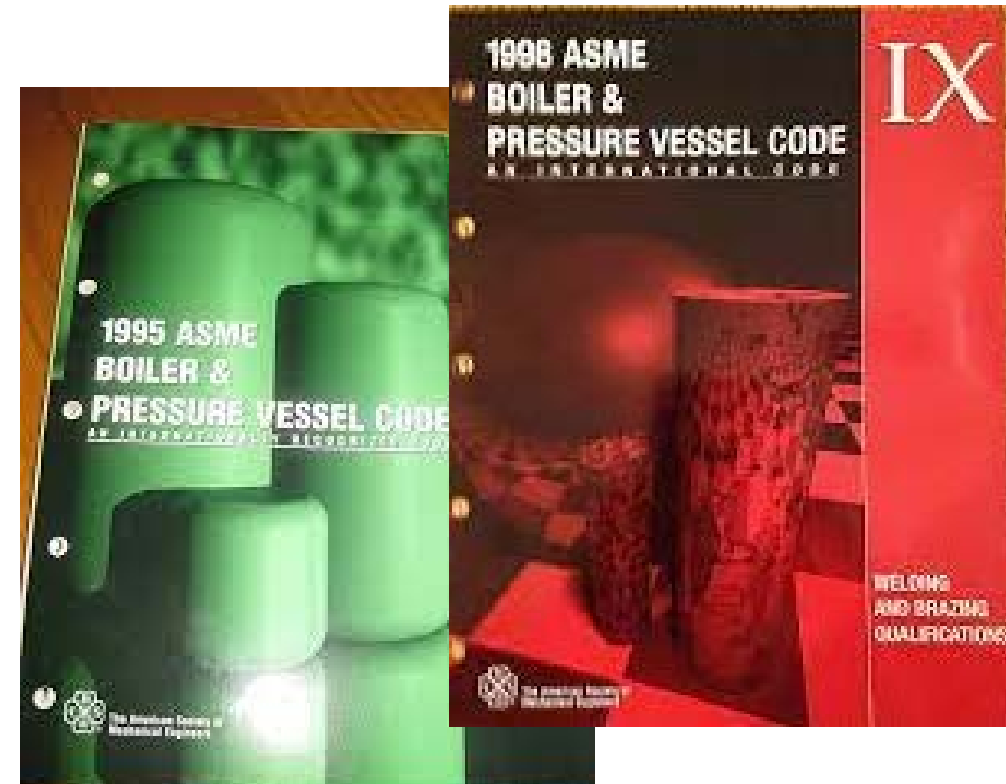
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When I finished my studies, I worked as a test engineer in a metallurgical laboratory.

One day I was asked to perform PQR tests according to ASME Sec. IX

This was the first time I heard the name **ASME BPVC**.





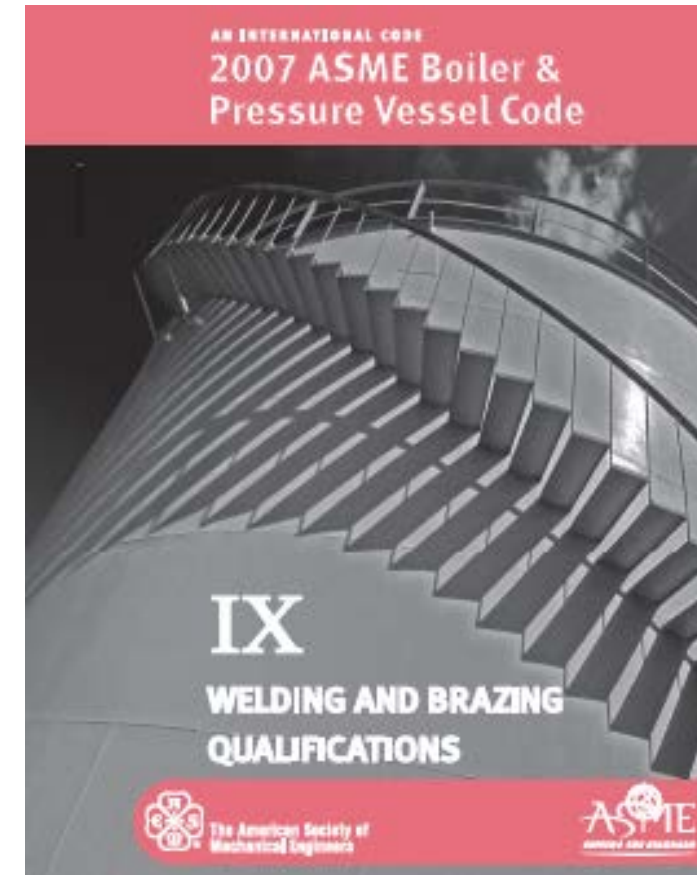
After a few years of working in the laboratory, I went to a company where one of my tasks was to write the Welding Procedure Specification or WPS.

Again with ASME Sec. IX, I found a job that lasted for years.

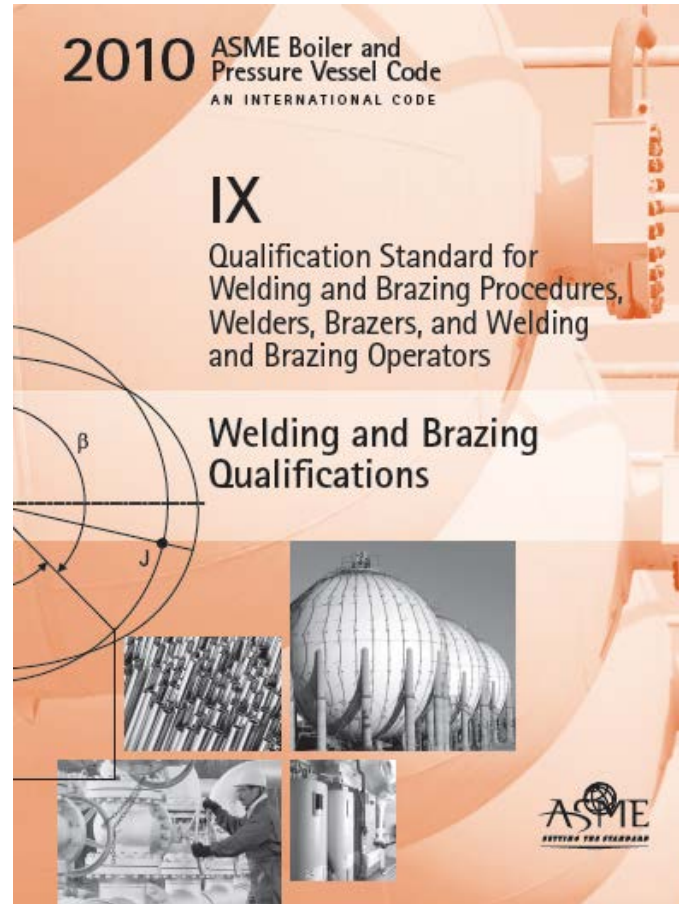
During these years, content of **ASME BPVC** has changed a lot which is natural because a standard is a living document.

The **cover image** of the code has also changed a lot in these years.

For example, the image of a storage tank on the cover of the **2007** edition raised objections that this image has nothing to do with the content of ASME BPVC.



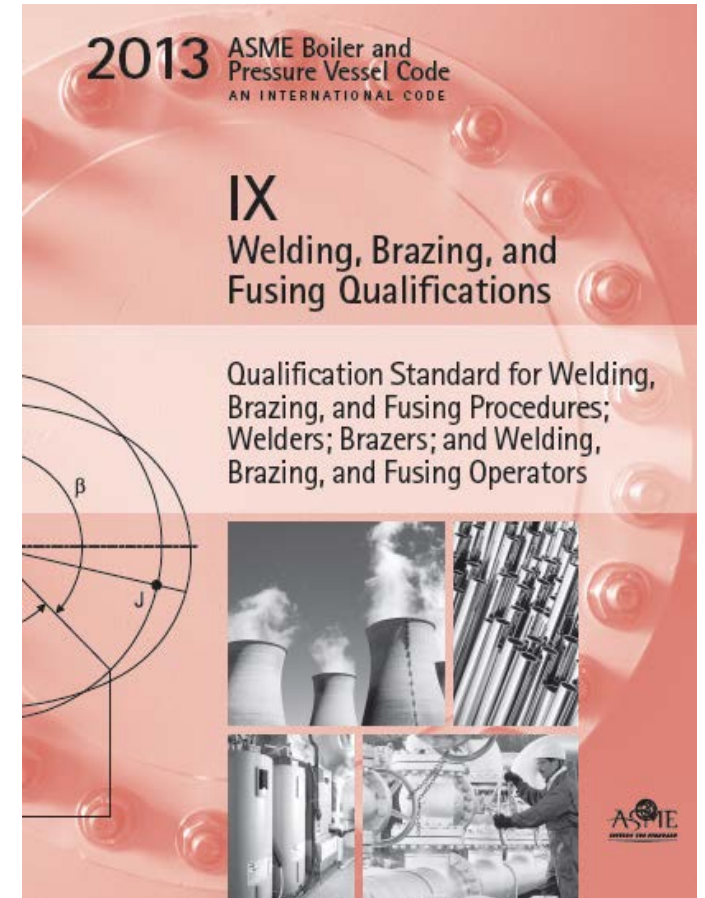
The **2010** edition tried to choose a more relevant cover image.



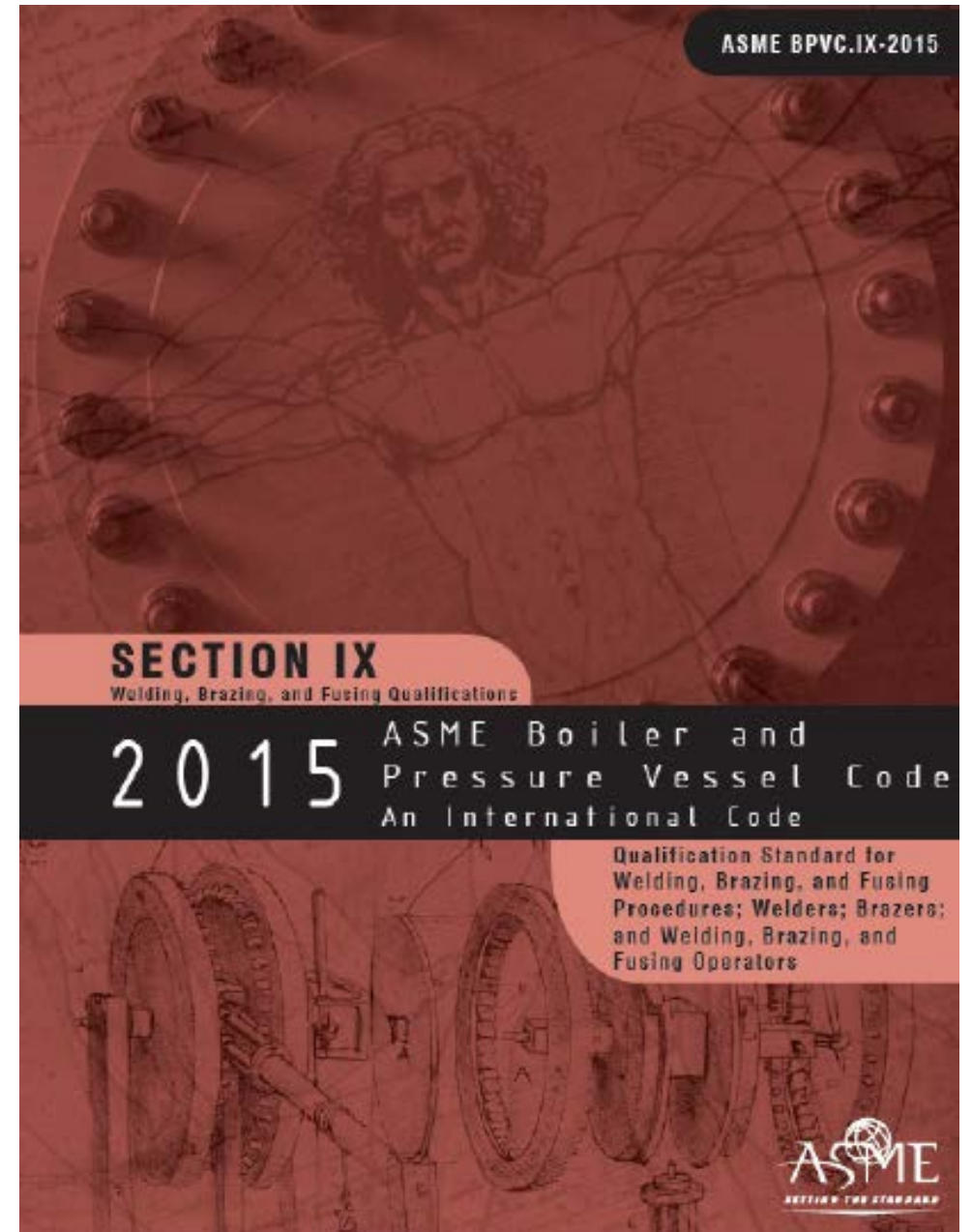


**2013** edition was accompanied by two major changes:

- This edition was the first in a new **biennial** publishing cycle
- The word **Fusing** was added to the title of the Sec. IX



From **2015** edition, a new image was chosen for the cover, which is still used today.



The **Vitruvian Man** is a drawing by the Italian artist and scientist **Leonardo da Vinci**.

In the drawing, Da Vinci depicts a nude man standing inside a circle and a square with arms and legs drawn in two positions.

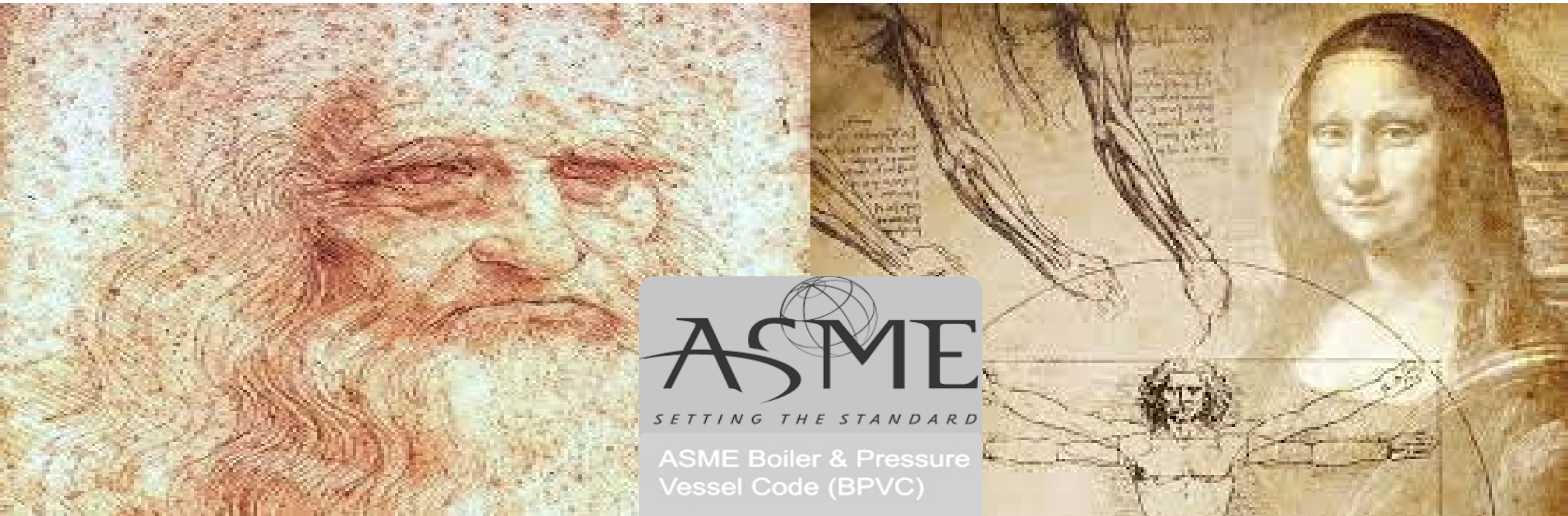
Leonardo da Vinci's Vitruvian Man is a study of the ideal proportions of the human form.





I don't know why the cover designer chose this image but I think it's the best choice for ASME BPVC cover.

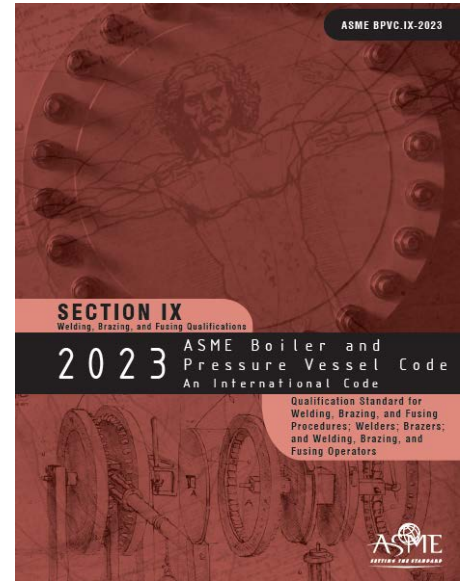
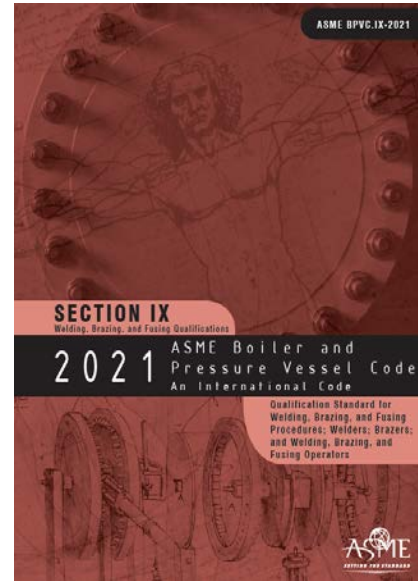
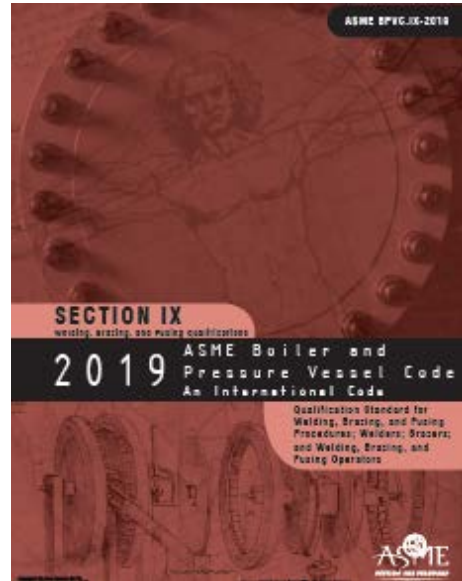
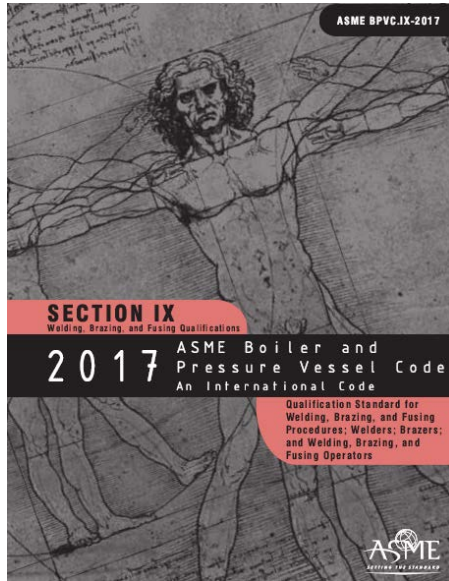
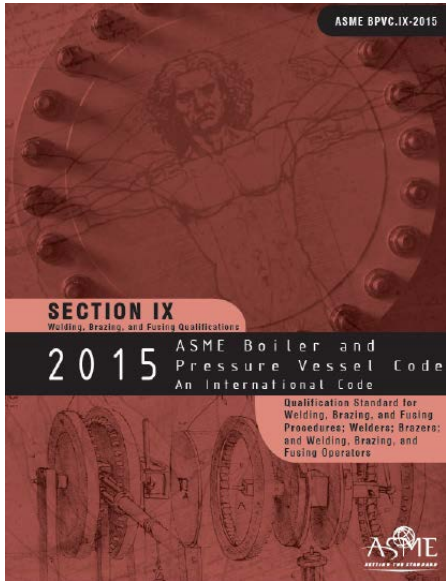
You might ask, what does **Leonardo da Vinci** have to do with **pressure vessels**?



Perhaps the earliest reference to the **design of pressure vessels** was made in about **1495 by Leonardo da Vinci** in his Codex Madrid I.

Quoting from a translation, Leonardo wrote **"We shall describe how air can be forced under water to lift very heavy weights, that is, how to fill skins with air once they are secured to weights at the bottom of the water. And there will be descriptions of how to lift weights by tying them to submerged ships full of sand and how to remove the sand from the ships."**







This presentation was developed by Kamran Khodaparasti.

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References:

[https://en.wikipedia.org/wiki/Vitruvian\\_Man](https://en.wikipedia.org/wiki/Vitruvian_Man)

CASTI Guidebook to ASME Sec. VIII Div. 1

Personal memories



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