# ENGINEERING TRAINER



# **Piping Flange Fundamentals**

## SPC708



## EngineeringTrainer.com

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## **SPC708**

### **Main Instructor**



**Jon Russell** Entrepreneur & Engineer, saVRee

Industrial Equipment, Static & Rotating



**saVRee** exists to help people learn about the fascinating world of engineering. Since opening the website in 2017, they have helped over 25,000 online students increase their engineering knowledge. They have also helped their clients train thousands of their own trainees and apprentices, particularly in the Power Generation, Oil and Gas, Automotive, and Electrical Engineering industries.

#### **Course Summary**

You will encounter **pipes** and **joints** even if you are not working in an **engineering** related industry. Fluids must move within **piping systems** in a safe and efficient manner, and it is pipes, joints, and valves, that allow this to occur. But what are joints?

A joint can be **welded**, **screwed**, or **bolted**. This course covers the topic of **bolted joints** within piping systems. Specifically, you will learn about **flanges**, **gaskets**, and **fasteners**, which are the essential components of bolted joints.

This is an ideal course for anyone working in the **Oil and Gas**, **Petrochemical**, or **Chemical Engineering** industries, but it is also useful for any working engineer (flanges are everywhere!).

The course is suitable for people just starting their career, or as an efficient refresher for old hands.

### Who should attend this course

- This course is designed for Piping Designers, Pipe Stress Engineers, Mechanical Engineers, Process Engineers, or Maintenance Engineers with 0-3 yrs of experience.
- This course is beneficial for anyone in the oil & gas, HVAC, chemical engineering, mechanical engineering, or power engineering industries.

#### **Prerequisites**

• An engineering background is beneficial, but is not mandatory.

Level Foundations

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