

WPS Information Sheet

Situation:

You work for a company called REAL WORK FABRICATORS. You are doing this today, so you will need to use today's date. Your company has asked you to create a WPS as you are working to become a Certified Welding Inspector. Your company is a fabrication company that works with GMAW welding processes and your machines all are set to semiautomatic. You will need to create a WPS for a T-joint in ¼ inch steel. Use the above information accordingly.

Your Task:

Create a WPS using the Sample WPS FORM. You will be creating a WPS for the T-joint in ¼ inch steel. This is the same WPS that you will be using in the guideWELD welding guidance system. It is important to:

- Fill out the WPS completely
- Use your instructor for help if you have any needs
- Draw out a picture/diagram of the weld you will be asked to create
 - This includes a picture of the weld
 - The type of weld
 - Where you will be welding
- Cross reference the Real Works Fabrication Sample WPS List for any needs you have, this is where you are getting the information to try and make a certified weld.
- Double check your work to prevent careless mistakes.

WPS ACTIVITY: Create a WPS using the WPS information Sheets

You will need the following documents to accomplish this activity. Use these documents to create your WPS.

- WPS Information Sheet
- Real Works Fabrication Sample WPS List
- Sample WPS Form