

Metallurgy Lab: Identify the Metals

Name: _____

Date: _____

Directions: Review the metal samples in the welding lab. Imagine that someone is asking you to manufacture/repair a part from this specific piece of metal. What do you need to know about the metal before you decide to do the project? Select two different samples and consider your answers below.

Sample 1: What metal do you think this is? _____

What would your sample metal be used for?

What products would be manufactured from this type of metal? In other words, what does your customer want?

What is the part going to be used for?

How tight is the tolerance? What is expectation for surface finish?

Sample 2: What metal do you think this is? _____

What would your sample metal be used for?

What products would be manufactured from this type of metal? In other words, what does your customer want?

What is the part going to be used for?

How tight is the tolerance? What is expectation for surface finish?
