



# Real World Problem Scenario

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| <b>Scenario:</b>               | <b>Worker Shortage</b>                                                                                                                                                                                                                                                                                    |
| <b>Business:</b>               | <b>Pioneer Pipe Inc.</b>                                                                                                                                                                                                                                                                                  |
| <b>Business Participant:</b>   | <b>Bill Bucina - Business Development</b>                                                                                                                                                                                                                                                                 |
| <b>Career Cluster(s):</b>      | <b>Architecture and Construction, Business Management and Administration, Education and Training, Manufacturing, STEM, Transportation, Distribution and Logistics</b>                                                                                                                                     |
| <b>Grade Level:</b>            | <b>6-8</b>                                                                                                                                                                                                                                                                                                |
| <b>Standards &amp; Skills:</b> | <b>Economic Decision Making and Skills. 14. The choices people make have both present and future consequences<br/>Markets. 15. The interaction of supply and demand, influenced by competition, helps to determine price in a market. This interaction also determines the quantities of inputs used.</b> |

## **Problem Description:**

Pioneer Pipe is experiencing an enormous increase of work to complete. While these are great opportunities for the business, they are having difficulty finding qualified welders with the skills needed to complete the projects. How can Pioneer Pipe find skilled and qualified workers and welders, so that jobs can be completed on time and still maintain the high level of quality of the finished product?

## **Things to be considered or defined for the solution:**

- Who needs to be involved in the decision making process?
- Where can welders be found?



- Cost, time, and quality factors: risk of quality reduction if workers are not qualified;
- Timeline and deadlines: cost to potential employer

