ArcelorMittal is the largest producer of steel in the United States, and are looking for a way to limit the amount of waste they produce through their process. Our project as future engineers, was to find a way to reuse waste and reduce the costs of disposal of many of the different things used throughout the steel making process. Our group decided to limit the amount of waste produced from the harmful chemicals used in the steel making process and to get rid of the used of many chemical drums.

The drums we plan on getting rid of in our process can be recycled, but the chemicals held inside them are harmful to the environment and should not be left open to it. We decided to create an industrial tank used to hold the chemicals. This idea not only gets rid of the waste of using chemical drums, it also gets rid of the need to wash any chemicals out, therefore keeping them out of the environment.

Below, a design concept of our tank idea can be found.