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2019 extern at Allsteel



Part I: Overview of Workplace

Allsteel is a division on the HNI corporation located in Muscatine, Iowa. Allsteel was founded in 1912 manufacturing electrical boxes. In 1998, Allsteel became part of HNI, and continues to be innovative by producing functional and stylish office furniture.

Part II: Workplace Focus

The Rapid Continuous Improvement (R.C.I.) Team is comprised of Engineers that are tasked with leading and/or providing resources for initiatives that support the corporate changes/improvements at the Allsteel location.

Part III: Introduce the Problem

Students need to develop a process to build hardware packs correctly. The students will be given a bill of materials and a supply of parts to fill the order. They will have to develop a plan (build and inspection) to ensure that they deliver exactly what is ordered. This plan should come from formal brainstorming activities such as 7 ways.

Part IV: Background

Student will have the blueprints/drawings of each item for identification. Students will also be coached in the 7 ways idea generation method.

Part V: Workplace Solution

Allsteel incorporated a weight verification system to ensure that the correct hardware was being assembled in the packs.

Part VI: Educational Pathways

For many jobs at Allsteel, basic arithmetic, algebra and geometry are the only content skills required. However many 21st century skills are prevalent in every position. Students will need to be able to communicate, collaborate, be creative, be adaptable to changing roles and responsibilities, be able to work independently, and be effective problem solvers.