Innovative Solutions Sparked by APICS

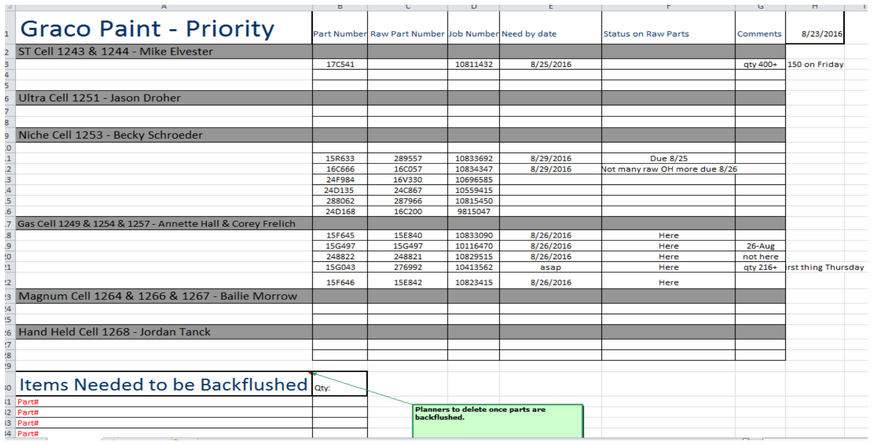
By: Brady Holt

INTRODUCTION

This summer I had a product planning internship with a large company in the Twin Cities region. My daily tasks included shortage reports, prepare a build schedule, and plan make parts in my cell. While providing a structured experience they also provided freedom to choose projects to improve quality, efficiency, and communication. This gave me the opportunity to apply principles taught by APICS and my supply chain program at the University of Wisconsin – Eau Claire.

KEY FACTS

This summer I had a product planning internship with a large company in the Twin Cities region. My daily tasks included shortage reports, prepare a build schedule, and plan make parts in my cell. While providing a structured experience they also provided freedom to choose projects to improve quality, efficiency, and communication. This gave me the opportunity to apply principles taught by APICS and my supply chain program at the University of Wisconsin – Eau Claire.



Graco Paint - Priority	Part Number	Raw Part Number	Job Number	Need by date	Status on Raw Parts	Comments	8/23/2016
ST Cell 1243 & 1244 - Mike Elvester							
	17C541		10811432	8/25/2016		qty 400+	150 on Friday
Ultra Cell 1251 - Jason Droher							
Niche Cell 1253 - Becky Schroeder							
	15R633	289557	10833692	8/29/2016	Due 8/25		
	16C666	16C057	10834347	8/29/2016	Not many raw OH more due 8/26		
	24F984	16V330	10696585				
	24D135	24C867	10559415				
	288062	287966	10815450				
	24D168	16C200	9815047				
Gas Cell 1249 & 1254 & 1257 - Annette Hall & Corey Frelich							
	15F645	15E840	10833090	8/26/2016	Here		
	15G497	15G497	10116470	8/26/2016	Here	26-Aug	
	248822	248821	10829515	8/26/2016	Here	not here	
	15G043	276992	10413562	asap	Here	qty 216+	irst thing Thursday
	15F646	15E842	10823415	8/26/2016	Here		
Magnum Cell 1264 & 1266 & 1267 - Baillie Morrow							
Hand Held Cell 1268 - Jordan Tanck							

Items Needed to be Backflushed	Qty:
Part#	
Part#	
Part#	
Part#	

Planners to delete once parts are backflushed.

PURPOSE

By creating an excel spread sheet for the entire factory, this eliminated excess phone calls and email to our paint line which stream lined the process while cutting the costs of time, expediting, and quality errors. Placing a document in the shared folder created an easy access point for planners to save their requests on the same sheet. The head paint line operator also has the ability to make comments about the job order and delete a line when a job was completed. To ensure an efficient flow, it was detailed enough that it showed when raw parts were coming in, the quantity needed to run the build schedule, and the due dates.

LESSONS LEARNED

The main lesson I took away from doing this project was, when there is problem, just go and do it. This has been an issue long before I arrived and it was a simple solution that now saves the time of everyone in the plant. I went and talked with the paint line, as well as the cells supervisor, and made meetings with every planner to get ideas and explain my excel spreadsheet. Overall, it was a success and now the priorities are clearer and efficiencies went up. Even though I am no longer an intern there, they still use this spreadsheet today.