

16-9-2014

I have rewrote a Standard Operation on the Strut Assembly line, as some of the pictures were out of date and the steps were misleading, I also made an index for all of the Standard Ops in a binder folder, so people that need to know how to do that operation safely. I also helped sort out a press jam, as it had somehow become tilted so we had to level it and test it to make sure it functions properly. I also looked at the size and cost of gas cages as one kind of gas needs its own cage.

23-9-2014

Today I have been sorting out the audits that came back for the 16 shop as that was needed to be done as soon as possible. I have been measuring a piston as when it is being cut it makes a horrendous noise. We have come up with this idea of wedging a Nylon damper which I have created by using SolidWorks. I now have a basic understanding of how SolidWorks now works.

I have also been doing some research on finding cost for Tarifolds which cost an awful lot of money. To see the work look at "shop Cost & Price.els" I have dated it when it was done.

30-9-2014

Today I have copied out the sleeve measuring machine settings, there where load of them. It was needed to be done so there is a backup of them in case of a power cut or a loss of power in any way. You can see this at "Measuring Machine Settings.els" I have also looked at some standard operations to see if they made sense as someone who does not know needs to use them. I did this in a meeting as I am the perfect subject as I would not have a clue on how to use any of the machines.

Next week I will be looking for emergency exit points and seeing what the proper signage is and I will also have a major project as well.

7-10-2014

Today I started off with making signs with the Brady printer. It is really fiddly to change the colour cartridge but I managed. After I had to print of and laminate 5 sets of a build former. The laminating took forever to do. Then I was going to print of the Dunlop symbol on the Brady printer but we have no yellow ink, so I have had to put that on hold, but I have also created a white edition of the Dunlop Symbol; it took me about 45 minutes to create as I removed the yellow pixel by pixel.

I have also made a Fire Point design sticker on MarkWare; I need to print 14 of these stickers off, meaning I need to change the ink 28 times. That is a lot of times.

14-10-2014

This Morning I was helping repair the Vixen 150T Press spiker plates in the Air Assembly line. Then I removed a top plate as it was being held by 1 bolt. I wrote a WR (Work Report) so the maintenance knew what was wrong with it so they could then fix it. Once the top plate got Helicoiled, I could the put it back on, with some help. I have also finished the stickers I was making last week. I also greased up the presses and made sure they run smoothly, one of them however run a bit rough as the rubber sticks to the top plate. I have also put up some Tarifolds, I have cable tied them to the machines. Eventfully they will have the standard ops in them, so people know basically what to do. I have been mainly on the shop floor, which I must say can be very busy at times, but luckily it wasn't today.

21-10-2014

Today I have built a gas cage for acetylene gas bottles. Which was then put outside, I have also made some more signs as well. I have also used a hack saw to cut a section of a table top for the air shop; it was hard work and took forever to do. I have also cut some wood. Then I did the PED Checks which was checking the 150 ton presses, making sure they were running smoothly. I have also created an index for the 16 shop standard ops and all of the other important documents, which will then be put into Tarifolds so we can then finish the Audit, we hope.

28-10-2014 Week Holiday.

4-11-2014 English exam stayed at school afterwards.

11-11-2014

Today I have measured the levelling valve because I have had to re-design the tooling for it on CAD (Computer Aided Design). The software is called SolidWorks. Those documents had been lost; it has been hard work recreating it as I have had to accurately measure each part.

I have made 5 drawings on SolidWorks all of them are for 1 part of a system.

- Exhaust Housing Fixture
- Pin Pusher
- The Base Plate
- Spigot
- Bearing Locator

I have also created the drawings on the computer. They show all of the measurements that are needed to create the tool. I have had some help as I haven't been in for 2 weeks and I forgot how to use SolidWorks. I have also done the usual checks. I greased the 150T vixen machines.

18-11-2014

Today I have been creating Standard Operations for the weekly P.E.D Checks. The weekly checks are Greasing up the 150T presses with Molyslip & checking the Vixen Machine for foreign parts.

I have also edited the slandered ops for Bilstein Range Rover Struts, Which was really hard work. I have also helped do the PED Checks I couldn't do it this week as I was taking photos for the Standard op for the P.E.D Checks. I am very close to finishing the Standard ops only 1 more to do. However these are extremely hard to do as they make no sense to me at all.

My jobs that were given to me where to...

1. Create Standard op for weekly checks ✓
2. Create standard op for L322 Bilstein (Modify RR) 90% complete

I believe that I have done them correctly and to what mark wanted me to do. Next week I will have completed this task that has been given to me.

25-11-2014

Today I was with Gary and I labelled and renamed all of the computers that were named wrong from DSCCOVWKS-112-D to something like DSC2048. So the software called SpiceWorks could then pick up pick the computers up in a group rather than them being called all sorts of names.

I also put a computer on the network with some help from Gary. We had to reset the admin password by using a disc called Hiron's Boot CD which has loads of useful tools on it.

2-12-2014 Doctors Appointment.**9-12-2014**

Today I have edited a design on SolidWorks as they don't want to use the fly press and they want a separate press for that operation, which I have almost completed but now I cannot get on SolidWorks as someone else is using it. I have also done the PED Checks which are greasing up the 150T presses and check. I have also helped in the ECAS area. I have been labelling the boxes with the correct part number. I have also edited another visual aid, I think I am getting really good at them; I will probably have another one next week to do or edit. I have finished the design of the levelling valve lever, took a while for me to work out what faces to mate together but I did it eventually.

16-12-2014 I was ill and had the day off.**23-12-2014 Christmas Holiday.****30-12-2014 Christmas Holiday.****6-1-2015**

Today I have watched and helped rebuild a mould of the 300 ton presses I also help put it back into the press. I am also sorting out the fly press on SolidWorks. It's such hard work as I cannot remember what is wrong with it. I am finding placing holes is really hard to do as the space between is 70mm and I am either over or under that number.

13-1-2015

Today I have seen CNC programming, it's pretty complicated and I have also seen a part being moulded. There is a bad part though is that you have to take it apart every time you want to take the moulded part out.

This week I have not done the PED checks, which are greasing up the 150T Bilstein presses. I have also made some stickers for the maintenance parts area; I hope they are pleased with them.

27-1-2015

Today I have fixed the levelling valve lever for the ECAS area. There were loads of measurements that were slightly out, but apart from that I was close to finishing it. Then I made a clamp for a part (not sure of the name). Then me and Mark carried a table into the shop floor, it was quite hard to hold on to. We have not the PED Checks as we have decided to only do them once a month. I have also printed off some stickers for the 150T presses.

3-2-2015

Today I have helped put up a new air pressure drill thing; I hate the noise it makes when you unplug the line from the other pipes. It makes me jump. I have also hand drew a plan for next week's job, which is to draw up a part for the Nakatia line using SolidWorks. I have also edited a standard op for the air shop. I have also discussed on how to improve the ECAS area as it all over the place and not very efficient, as people have to walk over to the leak test rather than passing it to the next person. I have also seen the making of the levelling valve that I drew up weeks ago. However I don't think I labelled it very well but that's a lesson learnt, as someone made the pin pusher the wrong way round. All in all I think I have done quite a lot of work and surprisingly I have kind of enjoyed it.

10-2-2015

Today I have design a part for the Nakatia line which will hold a part called a doughnut, it is designed in nylon and is adjustable so if the line moves the part can move to cool it down.

17-2-2015 Half Term.**24-2-2015**

Today I have been creating and printing of stickers/signs on the Brady printer. I have done Hi-Viz signs and Maintenance signs and many others. I have also been looking up milling machine guards but only found 2 ones

with prices. One of them was from Cromwell; the others were from abroad, which are more expensive.

03-03-2015

Today I have researched a replacement for the vixen machine as it really inefficient it costs too much money to run. [[Click here](#)] I have also created a register for the PM Tests. [[Click here](#)] I have also sent the finished product of the doughnut holder and finally I have looked at the levelling valve and it fits into a lever easily I have done all of my tasks that were set within time.

10-03-2015

Today I have done the monthly checks which are greasing up the 50ton machine and the 150ton machines. I have also edited the ECAS visual aid, found a replacement for the vixen machine, and found a milling guard and put the doughnut holder on the Nakatia line. Just have to wait until they hook it up to the air system.

17-03-2015

Today I have created a sterate holder for the Nakatia line, but next week I have to put a bracket on it. I have also seen the doughnut holder working as the maintenance had to move it, as it was cooling the heating rubber which was wreacking the product; they also didn't use my design for the doughnut holder at all. I have also made some stickers for the testing machines. I also finished creating up the stamp holder for the leaving valve area, which is now on order and should be here in 2 weeks time as it is not urgent.

31-03-2015 Easter Holiday**7-04-2015** Easter Holiday**14-03-2015**

Today I have edited a standard op; I had to add a part number onto the parts sheet on the standard op. edited a process setting sheet by changing the blank weight numbers. I have also called up a company to

arrange a date for Allswage UK to service and calibrate a techmafex machine.

I have also helped fit the new sterate holder I made 3 weeks ago. It is now spring loaded to push the sterate against the creel bead, so the creel bead gets a better spread of sterate.

21-04-2015

Today I have edited the standard ops for the Nakatia line. The pictures had to be updated as allot of the part and colours had changed. I have also been engraving drawing numbers on some parts for the shop floor; I eventually got the hang of engraving, as I am a quick learner. After that my task was to check the times for the rear airbag presses, which will be rolling on for a couple of weeks. I have created a table ready to be filled in next week. Next week I will begin to times at least 4 presses before the end of next week.

28-04-2015

Today I have created a new standard operation for removing dirty water from the Techno Wash, and I have also timed most of the 1 tone presses at the back of the shop, which took me all of the morning, I had to time them to see if we are producing more of the rubber parts any quicker, if so we are saving money, if not we are losing money or staying the same. I have also done the PED Checks as they had to be done today.

12-05-2015

I yet again doing MTM sheets and having to time the machine that have a different mould inside them. I have also checked with press 1. I have also had to write all of the times down and make sure it is in the right 1 isle, which was the tricky part.

19-05-2015

Today I have been checking the times for one of the presses and I have found a difference between the times of about 30 seconds which added up for the whole day can be around 12 minutes. You could make another part in that time.

I have concluded that something is wrong so I will measure the time it make for the press to go up and down and see if the results vary in time. The only down side is that press No.4 is the only one that had the same

mould on so I will have to stick with press No.4 and hope it has the same part on it.

02-06-2015

Today I did an exam so I have only had half a day. This afternoon I have been working on how to convert decimals into time like 0.0260 to 00:02:60 Dave has figured how to do it but it is over my head on how to convert it. Very confusing. [[Click here for finished sheet](#)]

New Academic Year

15-09-2015

Today I have tried to remember how to do this process setting sheet for the 300T airbag presses. I can't remember how and where to start with that so I will leave that for this week and I aint got a clue. Instead of doing that I am now finishing off a standard op and I am hoping to gain some printer so I can print off 8 pages of it and ask Dave what these mean. Which has now been sorted and also have completed.

22-09-2015

Today I have had a minion with me, we made stickers for stores and designed a macrolon case as the health and safety rules have changed. We also had a look at the 150 tonne presses as a new mould was inserted.

29-09-2015

I have created a sheet buying sheet to calculate the cost for the paint we need to colour coordinate the tooling needed to make a part. I have decided what colours each thing needs to be as well. I have also created the sheet to show what each colour indicates. I also had my yearly visitation.

20-10-2015

Charlotte is editing the PED Register as the hyperlinks are all messed up. I have started to etch the Air shop tooling. I have also started to check the visual aids are present and correct. Hopefully they are.

03-11-2015

I came in half a day as I had to have an English language exam, oh what fun. While Charlotte has finished off the PED Register which was extremely hard to do, as all of the hyperlinks had to be redone.

17-11-2015

I have been working this week with Kevin and Guy, I have been sorting out the quality stores area and have been pushing things back. Hopefully it will be over soon as it is rather tiring.

24-11-2015

Today I have carried on with sorting out the store area, I have also done some measuring which I couldn't remember how to do it, however we went through it and all was well. I have also made signs for the Quarantine area. It now looks allot better.

1-12-2015

I have been created a part to identify to similar top plates, there is only 1-2cm difference, and I created it out of plastic and drilled holes and sanded and shaped the edges. Now stores can identify one part from another.

This afternoon I have been updating and checking the visual aid and standard ops are up to date, ones from (2014) last year, isn't as important from ones from 05 as they need checking urgently. Next week I will probably be doing the same thing.

8-12-2015

Today I have been working with the PED Dept As the quality dept have had a complaint from Japan so someone has to go over there so view the issue that has been brung up.

It has something to do with the bags that are made in issue. So I have been carrying on updating and checking the standard ops. I have finish doing the Allied standard ops and visual aids, And I have just begun to sort out the ECAS Standard ops and Visual aids.

15-12-2015

I have been working my way through the ECAS standard ops I have a to remake a new one as it hadn't been updated to [PowerPoint](#) its was still of [excel](#). Which took me ages to sort out and correct. I especially when part of the original was spelt wrong.

02-02-2016

I have made a label for a machine that is going to another company. I have also done a standard op to show this other company how to change the seals for the leak test machine. With consisted of a lot of pictures and simple words. I have redone the links on the CER Register as well. Took me a whole hour to do but it now works, however there are a few missing, but that is normal if some things are 10 years or older. Due to people archiving things that are still in use.

26-04-2016

The past three of weeks I have been doing MTM videos which is rather confusing at times, but once you have seen the process of the part, its rather simple to record. I have also been doing some Standard Ops with are a basic guide on how to use the machine and to understand the process. I have also got a new computer as the old one took ages to logon, I am extremely happy that I can actually do some work now. instead of waiting to logon.

03-05-2016

Today I have had a lot of work to do, I have had to label machinery/tools I have also edited the setting sheets for the Finn Power machines. and also update the documents for E1 &E2.

10-05-2016

Today I was visited by Gary and Lee from the school work experience. I have been up to a lot today, mainly in the shop floor helping Dave with the D1 front and D1 rear top plate crimps. I have also labelled the D1 parts including the crimp & can jaws.

17-05-2016

Today I have been overlooking the building of one of the Tangye presses being rebuilt, seeing how the presses actually get set up seem very

difficult as you have to get the all of the holes dead on so all of the bolts fit.

21-06-2016

Today is my last day at Dunlop, I have had such a great time here and I have learnt so much. Today I have helped with the changeover by updating some of the documents that needed updating.