***James Skinner C.V.***

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***Career history:***

**Condale Plastics LTD, Felbridge, East Grinstead: Toolmaker/ Co-Supervisor Re-joined 11-06-20 – present**

For the past 4 years I have worked with a toolmaking and designing company. since being here I have been trained in XYZ milling (SMX 3000 AND RMX 3500) and turning, spark eroding using electrodes, Surface grinding within tolerances of 2 microns, Hurco (VM1 AND VM10) CNC training and CAD training which consists of Openmind, AutoCad, Solidworks, Grabcad and Esprit.

Since returning in conjunction from the machining and designing side of things I have also done work with trialling new tools on the production line, procurement for the toolroom i.e. buying tooling and equipment for my staff, buying in raw materials we need and leasing with tooling suppliers to see what the best and newest tooling is out there, Health and Safety executive for the Toolroom this is where the health and safety board meet once a quarter and discuss any issues or changes in the health and safety legislations. Seconding this I am a trained first aider for my department.

My job now like before entails working from CAD drawings and using my own initiative to create the tools and modifications needed but a wider scale of supervisory tasks.

Also, I must communicate with the customers to show them how the tooling will work and the process the tools will come together and create the profiles/ products they are purchasing. In addition to the tool room, I have also been on the production side of things and learnt how to-do the trials for the extrusion process this includes the preparation of the dies and formers and the final finished product samples before it being sent off to the customer

**Torr Scientific Ltd, Bexhill-On-Sea: Machinist- 20-04-20- 10-06-20.**

Torr Scientific is a company who are based in Bexhill-On-Sea. I have been trained on the new machines for the company this has been the complete set up (Tool tables, Work offsets and all the teething issues which come with new machines) The machines I have been using is a Mach milling machine and a Mach lathe. These machines are both capable of G code programming and both use conversational modes, DRO modes and also Basic Conventional machining. I have been working to tolerances of 0.05-0.1 +/- on the two machines and I also work to high Finishes. This helps with the company’s Specialised UHV, Optical & X-ray Components. Also in view ports and lenses which are used for our anti reflective coatings and other new products from the customers in the hard times of the Covid19 pandemic. I also have set up Microsoft Excel documents to make sure I have enough tooling in stock and other essentials the tool room use.

**Condale Plastics LTD, Felbridge, East Grinstead: Toolmaker- 01/10/18 – 08/04/20**

Condale is a plastic extrusion company who are based in East Sussex. I have been trained to use most machines in the tool room, these include XYZ milling machine and XYZ lathe, also eazytrack milling machines. I use these machines on a day to day basis. I have also been trained on the spark eroder using electrodes on various materials, I have also been trained on the surface grinders and on the computers using Auto CAD Light, Excel and Esprit programming for the Wire Eroder. My job entails working from CAD drawings and also using my own initiative to create the tools and modifications needed, I also have to communicate with the customers to show them how the tooling will work and the process the tools will come together and creat the profiles/ products they are purchasing. In addition to the tool room I have also been on the production side of things and learnt how todo the trials for the extrusion process this includes the preparation of the dies and formers and also the final finished product samples before it being sent of to the customer.

**Upfields Engineering, Battle: Machine shop assistant- 30/05/17- 25/09/18**

Upfields is an engineering company based on the South Coast. I am the lead machinist and carry out all the turning and milling work for the company. I have been trained to use the mig welder and to do basic fabricating as well as basic silver soldering and assembly of the products. My job means I work both at the main engineering base as well as on customer sites doing jobs such as taking down containers, assembling platforms and going across the country to do revamping jobs for the RAF. My current position is varied and has given me a good foundation on which to build my career.

**Stamco timber, St Leonards-On-Sea: Machine operator- 1/03/16 - 12/05/17**

**Secol Engineering, St Leonards-on-Sea : Workshop assistant – 13/10/14 – 16/11/15**

**Tesco, St Leonards-on-Sea : Non-food Team - 23/9/14 – 23/11/14 (short-term contract)**

**Martins McColl’s Newsagents, St Leonards-on-Sea : Newspaper delivery - 10/1/09- 31/10/14**

***Personal profile***: I am a mechanical engineer I have done engineering for the past seven years I have learnt a lot of skills in the different fields I have been in, I am eager to learn all engineering skills to give me an even bigger foundation for a future career in engineering. I am dedicated and committed and work hard to develop myself and achieve my goals. When I was younger I achieved the Duke of Edinburgh Bronze Award, which included volunteering in the workplace, team activities and individual achievements. I have good verbal communication skills and I work well with others. I love to keep busy with my life out side of working, this includes playing badminton twice a week, going to the gym 6 days a week and music. I would class myself as a big family man. I would do anything for the people I live and care for.

***Further Education***

I have for the past two years been learning Spanish. It has been a fun challenge and a great way to better myself.

Sussex Coast College, Hastings – Sept 2014 -2015 BTEC Level 3 (90 credit diploma) in Engineering – Double grade merit pass Sussex Coast College, Hastings – Sept 2013 - 2014 NVQ Level 2 Performing Engineering Operations - Pass BTEC Diploma level 2 in Engineering - Pass

William Parker Sports College – Sept 2008 – July 2013

GCSE: English-E Maths-C Science-E I.T- C Drama-C

Physical Education- C Art-D Design Technology –D Spanish- C

***Interests***: Tae Kwon-do – black belt, Gardening, Going to the gym, Badminton and Music