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Personal Profile

Professional self-motivated Tool Jig and Die Maker (Toolmaker-with distinction) / Metrologist qualified in any motor industry with standard engineering with multi-skilled background

- Experience in all motor manufacturing installation projects
- Conscientious adaptable team player with ability to work independently
- Able to identify and implement process improvements to equipment
- Conversant with site health and safety procedures, including risk assessments and permits to work
- Excellent communication skills at all levels
- Computer literate in all my different qualifications as a Mechanical/Metrologist Engineering

Career History

Present Company

BOELA Toolmaking and Measuring CC

Business Contract: for FFT at Mexico

2017 – 2017

- Layout of all quality on tooling for Tailgates
- Quality surface for roller hammering on Tailgates

Business Contract: for FFT at USA

2017 – 2017

Quality Mechanical Line Coordinator GO1 for Gastamp.

- Layout of all quality on tooling for Hood and Fender
- Quality surface for roller hammering on Hood and Fender

Contract: for FFT at VWSA.

2016 –2017

Mechanical Line Speaker Toolmaker

- Layout of all mechanical tooling and equipment according to drawings, (equipment includes robots, robot plinths, jigs and fixtures, tip-dressers, robot tool stands and fencing etc.)
- Fitment and setting of all robot tools, i.e. grippers to geo station including, Eckolt rivet guns, Flow drills, Tucker stud welding guns, Spot welding guns, Henrob guns to flange of robot and tool stands.
- Repairing all robot crashes during commissioning phase
- Measuring of geo fixtures as main frames and smaller fixtures
- All mechanical changes to all fixtures and tooling for entire production line consisting of about 150 robots

2013 – 2016

Contract: for TEAM24 (Austria)to EBZ (Germany) , FFT (Germany) and Direct for Mercedes-Benz SA Limited.

Mechanical Line Speaker Toolmaker/Metrologist (Mercedes – East London S.A.)

- Layout of all mechanical tooling and equipment according to drawings, (equipment includes robots, robot plinths, jigs and fixtures, tip-dressers, robot tool stands and fencing etc.)
- Fitment and setting of all robot tools, i.e. grippers to geo station including, Eckolt rivet guns, Flow drills, Tucker stud welding guns, Spot welding guns, Henrob guns to flange of robot and tool stands.
- Repairing all robot crashes during commissioning phase
- Measuring of geo fixtures as main frames and smaller fixtures

- All mechanical changes to all fixtures and tooling for entire Z2-Z3 production line consisting of about 196 robots

Previous company

2010 – 2012

Eberspächer (SA)

Planner Toolmaker/Metrologist Engineering

- Responsible for all new equipment that is installed in the company
- Responsible for all new equipment to be in geometrical standards of company
- Quality ensures to all new equipment , jigs and fixtures etc
- Implement preventative maintenance standards to the new equipment

Previous company

2008-2009

Name of Firm : EAMS Engineering and Management (Germany)

**Planner Toolmaker/Metrologist Engineering
(India VW)**

- Responsible for quality ensures to customers standards of all jig and fixtures
- Responsible commissioning of gap-check and panel fitment
- Responsible for all changes on jig and fixtures
- Health and Safety representative

Previous company

1996-2008

Comau SA Body System

**Team Leader as Toolmaker/Metrologist Engineering
(South Africa , China, Russia, India, Egypt etc)**

- Started my career as Toolmaker/Metrologist in the engineering environment
- Responsible for manufacturing, machining and grit lining of all jigs and fixtures
- Responsible for measuring of all jigs and fixtures to geo standards after assembly
- Responsible for quality ensures to customers standards of all jig and fixtures
- Responsible commissioning of gap-check and panel fitment
- Health and Safety representative

- All of the above would apply locally and abroad (BMW,VW,FORD,MBSA,GM,TOYOTA)

Qualifications

Russell Road Technical College

Duration : 3 years

Achievement : N3 Diploma – Mechanical Engineering

Subjects : N1 Mathematics
Technical Drawings
Science
Mechanical Engineering

N2 Mathematics
Technical Drawings
Science
Mechanical Engineering

N3 Mathematics
Technical Drawings
Science
Mechanical Engineering

Computer Literacy : Windows 7
Microsoft Word
Excel
Outlook Express
Internet

Measuring Programmes : Faro Arm and Faro Laser Technologies:
- Metrology
- Basic Cam2 Measure, Metrology XP, CMM