

ANKEET PATEL

505 Sunnydale pl, waterloo.
ankeetpankajpatel@gmail.com
226-975-1605

Accomplished Masters in engineering with strong mechanical background of 6 years of academics and 2 years of professional experience as a technician, willing to step up career in a related growing industry.

SKILLS

Ability to work for a target-based industry	<i>SolidWorks, AutoCAD</i> and other design simulation software
proficiency in documentation through MS office	knowledge of measuring techniques, gauging and inspection equipment (such as micrometer, Vernier caliper, ok/notok gauges)
Skills for Communication with supervisors and with production workers (through formal Mails and over radio)	proficient in using and calibrating production tools such as <i>impact gun, poka-yoke, torque wrench</i> , etc
Work ethic of following safety protocols (understanding of 5S,5WHY,6SIGMA, 8-D and Kaizen methods)	Intermediate knowledge of CMM programming, SPC and GD&T; interpretation of engineering drafting
Automotive Assembler skills & quality inspection skill(including for paint shop & weld shop)	POWERED ACCESS LICENSED(PAL)-REGISTRATION for telehandlers and boom machines

EMPLOYMENT HISTORY

SKYJACK INC	Oct 2018 to May 2019
<i>Final Quality technician</i>	<i>Reason for leaving: Laid off</i>

- Reporting to general supervisor and quality supervisor for daily defect logs and total numbers achieved for the respective shift.
- Assuring consistency in quality irrelative to the target required for the production.
- Detailed defect report to quality and production supervisors for each machine along with pictures and sheet tracker of all elements.
- Parallel communication with quality engineers and manufacturing engineers to provide statistics for PDP implementation, and with production members regarding repeated defects.
- Reading machine technical drawing (of hydraulic transmission or IC) for applying any relatable trouble shoots
- Through inspection after production including road-test, final assembly and defect rework.
- Certifying machine with Green-Tag before shipping to customer, includes documentation of each production stage, defect rework and rework timings.
- Proficient in inspecting models of TH like SJ849TH, SJ1256THS, SJ519TH, SJ643TH, etc.
- Conducting kidney loop test, drift-test, 24hrs wait-test, load-test, following ASME codes.
- Assigning duties to painter and A3s to collectively achieve shift's green tag targets.
- Maintaining correct balance between achieving production targets and standard of quality.

TOYOTA MOTOR MANUFACTURING INC

Oct 2017 to Oct 2018

Production technician

Reason for leaving: 12-month contract

- Working in assembly inspection team on TRIM1, FINAL1, CHASSIS1, CHASSIS2 and DOORS.
- Comfortable with assembly tools such impact guns, wrenches and floor drills.
- Thorough quality checks for rank A, rank B, and delta S, delta R, delta D. Also detail oriented inspection for paint defect, welding defects, assembly defect, or appearance defect. Including manifest verification for every element.
- Inspecting supplier product for material review, dimensional accuracy, visual welding defects, etc.
- Member of kaizen team (continuous improvement process), application of lean manufacturing methods.
- Conducting torque check for critical joints by using sophisticated torque wrench.
- Following standardized process for building every vehicle with consistency of maintaining LEXUS STANDARD QUALITY(along with ISO 9001).
- Training new recruits for standard use of poka-yoke, impact wrench and system wrench.
- Reporting defects and incomplete assembly to respective team leader, and making logs of each defects in form of graphs.
- Describing improvement in assembly processes quality check implementation, and attaining zero defects goals.

INTEGRAM WINDSOR (MAGNA) SEATING

April 2017 to Dec 2017

Quality control inspector

Reason for leaving: part-time seasonal jobs

- working for quality inspection for FCA Chrysler seat supplier.
- Monitored production processes and equipment for consistence productivity.
- Implementation of diagnostic tools for maintaining accurate quality.
- significant usage of measurement gauges for dimensional accuracy of each product
- Conducted routine visual inspections of an armrest, headrest sleeve, quality of fabrication to uncover issues with compliance and tolerances.

MOE JOE PIZZA

Oct 2016 to Oct 2017

Shift manager

- handling everything from taking orders to delivering accurately and maintaining good customer interaction
- managing team for providing 100% customer satisfaction
- managing feedback on social platforms and customer service.
- handling inventory and maintaining cleanliness.

EDUCATION AND COURSEWORK

University of Windsor

2018

Windsor, ON

Degree: MASTERS in MECHANICAL ENGINEERING WITH AUTOMOTIVE OPTION

Completed coursework in vehicle thermal management (HVAC), bluff body, advanced ICE, Fundamentals of Automotive and more.

Gujarat Technological University

2016

Ahmedabad, GJ, India

Degree: BACHELORS in MECHANICAL ENGINEERING

Completed coursework in mechanics of solid, fluid mechanics, manufacturing processes, engineering thermodynamics, heat and mass transfer, operation research and more.

ACADEMIC TRAINING

Projectwork – **Study Behavior Of Alloying Element On Mechanical Properties Of Ductile Iron**

Objective- to study the behavior of alloying element on mechanical properties of ductile cast iron. By considering the literature collected from the references we will make ductile iron (SG iron) with various proportion of copper and nickel

Internship – **Modification in assembly line for better space utilization at "Tata Nano plant" in India.**

Topic- study of inventory during the production, understanding AVG system routes, suggesting improvements and getting reviews from the chief engineer for approval of modification

Industrial training – **study of reactants influences on setting agents at "Nuchem dyestuff " in India.**

Aim: to prepare explanation for difference in setting time of dyes when mixed with specific oxides. and hindrance in dye reaction by isolation method.