

YenChou Chen

+886 0980-046-095
m97232015@gmail.com

Manufacture Supervisor participated in Manufacture-related improvement projects and completed the introduction of paperless electronic systems. Understand the technology related to the Manufacture of biotechnology products. Experience in assisting in improving the Manufacture process and improving Manufacture efficiency.

Experience

Mar. 2018 ~ Currently Employed

Manufacture Supervisor

Pegavision Corporation, Taoyuan

- **Improved product inspection process** during Manufacture, reducing personnel errors from 2 times per month to 0 times per month, increasing OEE by 1.2%.
- **Implemented a digital pallet management system**, reducing packaging errors from 1 time per month to 0 times per month, and reducing labor requirements from 8 persons per day to 4 persons per day, while increasing packaging efficiency by 35%.
- **Improved product labeling** and pasting process, reducing personnel errors from 4 times per month to 0 times per month and reducing the required labor from 6 persons per day to 4 persons per day, while increasing OEE by 0.6%.
- **Developed a program** using Excel VBA to record relevant Manufacture information by scanning QR codes, assisting in operations, reducing data verification processes during Manufacture, and improving packaging efficiency by 10%.
- **Improved the Manufacture material** requisition process, reducing unnecessary material wastage from 2.6% per month to 1.1% per month.
- **Implemented cross-department process** improvements and communication, reducing ineffective working hours by 67 hours per month for 4 persons.
- **Introduced a digital operation system** for weighing and preparation, reducing personnel errors from 3 times per month to 0 times per month and reducing labor requirements from 14 persons per day to 9 persons per day, while increasing preparation efficiency by 40%.
- **Improved the centralized material** operation process, increasing operational efficiency by 6%.
- **Training Manufacture team**, that use paperless electronic processes, and make the system start to use on time.
- **Collects data for compiles report** about abnormal cases of materials for package, and classify abnormal types, that assist QA and PE to re-determine IQC Spec. and reduce 90% packaging rework cases from 22 times to 2 times per month.
- **Conduct reviews of the Manufacture processes** to try to identify areas for improvements, that plan and execute improve projects in further. **1.** Introduce the paperless electronic system to the hydration process to control the lens feeding operation with the system and reduce the error rate by 0.02%. **2.** Change labeling and identification methods of lens in hydration process, that idle Manufacture is reduced by 22%.
- **Ensures Manufacture team has access** to all relevant raw materials and equipment. **1.** Install the phone in the work area, improve the material on-line process, and reduce 1.6% (about 24 minutes) OE Loss caused by waiting for material downtime **2.** Promote the operation of the material loading inspection system to reduce the probability of material use error to less than 0.01% **3.** Improve the process of returning the remaining materials to the warehouse, reduce the time for material inventory, and improve the efficiency of storage space usage – ensure the smooth running of Manufacture
- **Cost reduction** by analyzing the logistics box and storage space usage process, reducing the monthly cost of purchasing logistics boxes, and saving about NT\$ 39,000 for purchasing logistics boxes every year.

Oct. 2013 ~ Mar. 2018

Production Manager & Engineer

DETEKT Technology Inc., New Taipei

- **Establish a process** for producing medical device with 3D printing technology, that production customized medical device, and formulate SOP.
- **Successfully applied** for and implemented the Small Business Innovation Research (SBIR) program (subsidy fee of NT\$ 1,500,000).
- **Assist the company to obtain** ISO13485, ISO9001 and GMP certification.
- **Complete** at least 5 high-end 3D printers, assist in sales promotion, installation and education training.



Skill Highlights

License

- Occupational Safety And Health Affair Managers Class3
- First Class Pressure Vessels Personnel
- ISO 13485 Quality Management Systems Auditor Certificate
- 3D Printer Advance Technical Training Certificate

Biotechnology

- Recombinant protein production
- HPLC
- SDS-PAGE
- Western blot
- ELISA
- Sample preparation for LC MS/MS
- PCR
- RT-PCR
- Q-PCR
- Animal experiment

Technical

- JavaScript
- React.js
- Node.js
- Python
- Excel VBA
- MongoDB

Education

M.S., Biology Sciences -
National Changhua University
of Education, Taiwan
B.S., Bioindustry Technology -
Da-Yeh University, Taiwan