MEDICAL CONTRACT MANUFACTURING

Clean Room Injection Molding, Assembly & Injection Tool Shop
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Global presence in 5 countries and 3 continents

Strong customer base in Medical industries

Trusted partner in the journey from conceptualizing product, mold making, injection molding to assembly
20+ Years of experience

Team of highly experienced Managers and Experts in the field

Manufactured over 8000 molds+

High tech tool shop

Contract tool-shops for warranty and modifications
Certificate of Registration


This is to certify that:
VEM (THAILAND) CO., LTD
427 Moo. 2 Mapyangprom, Plukkaeng, Rayong
21140
Thailand

Holds Certificate Number: MD 683191

and operates a Quality Management System which complies with the requirements of ISO 13485:2016 & EN ISO 13485:2016 for the following scope:

The manufacture of plastic injection parts and assembly for medical ventilator system.

For and on behalf of BSI:
Gary E Stack, Senior Vice President - Medical Devices

Original Registration Date: 2019-01-09
Latest Revision Date: 2021-12-15
Effective Date: 2022-01-09
Expiry Date: 2025-01-08

...making excellence a habit.

Date of Certification: 13 Feb 2022
Maluchon Prakobtriyayaki
NEBB Certified CF Professional
Help sourcing ROHS/ REACH/ USP class VI compliant materials

Biocompatibility and Cytotoxicity testing certificate of raw materials is ensured wherever required

FMEA and DFM to identify and eliminate potential problems in manufacturing

Support 3D printed prototypes
Validate the product and manufacturing capabilities

Quick and efficient prototyping technologies:

- Soft steel prototype molds
- Aluminum prototype molds
- 3D printed prototypes
Mold Manufacturing Capabilities

2k Molds
Multi cavity molds
High precision molds
In house toolmaking facilities in China/ India/ Bulgaria

China: https://youtu.be/57rX3deD1AQ

India: https://youtu.be/i3gEP2KB15s

Bulgaria: https://youtu.be/LnDZgdxzb-A
Mold Maintenance

Mold maintenance and modification capabilities in all VEM factories
20+ Injection molding machines

Machine range 5 TON to 850 TON

Fully equipped with desiccant dryers, HR controllers, MTC, Bimetallic barrel
3D Steel Printing
Printing mold steel insert with optimized conformal cooling channels
Significant reduction in production cycle time
Clean Room Molding and Assembly in Thailand
ISO 7 / CLEAN ROOM CLASS 100K
Assembly Example

Ventilator Connector

Injection Molding

↓

Over Molding

↓

Assembly

↓

Testing

↓

Final Packaging
IQ/ OQ/ PQ

Process qualification as per medical standards

Installation Qualification

Operation Qualification - using DOE

Performance Qualification
Process Control

Fully equipped measurement laboratory
SPC online wherever needed
Inspections 24 hours
Logistics Support

We ship all over the world
INCOE Terms as required by customers
Medical Device Parts

[Images of various medical device parts]

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