

## **Job Description Production Manager Zero Plastic Waste India Social Business**

**Location: Puducherry, India**

### **About YUNUS ENVIRONMENT HUB**

**Yunus Environment Hub (YEH)** is the global social business network creating solutions for the environmental crisis. Co-founded and led by Nobel Peace Prize Laureate Prof. Muhammad Yunus, **YEH** supports and develops social business solutions addressing environmental issues in a financially self-sustainable way. Focus areas are solutions for improved waste management & sustainable plastic recycling, circular economy, carbon neutrality, biodiversity, sustainable agriculture, access to clean water and clean energy.

**Zero Plastic Waste City** is a YEH program that enables sustainable municipal waste management systems based on a modular social business approach that will result in the creation of the **Zero Plastic Waste** social business and plastic recycling facility in Puducherry, India. It focuses on the establishment of a recycling plant that produces high-quality products made of low-value and currently unconsidered plastics. These products can be used as input materials in the furniture and construction industry such as recycled plastic boards, as well as recycled plastic pellets / granules.

A social business is understood as a non-dividend, non-loss company that seeks to create social impact based on a viable business model. With this approach, the envisioned impact touches on the entire plastic waste value chain of segregation, collection, sorting and processing. This effect will be supported through additional efforts of the social business in collaboration with local partners.

The **Zero Plastic Waste** social business is implemented by **Yunus Environment Hub (YEH)** in partnership with, and financed by the **Alliance to End Plastic Waste (AEPW)**. It aims to create an environmentally friendly city, sustainable waste management, a market demand for low-value plastics and to increase the recycling of currently unconsidered waste types, raising environmental and social awareness, to create employment opportunities and to improve working conditions of local people, especially informal waste collectors.

Since August 2020, the establishment of the Zero Plastic Waste social business has successfully transitioned from an initial pilot phase to a preparatory implementation stage. The actual implementation phase will officially begin once the social business has been legally registered during the second quarter of 2021.

## PRODUCTION MANAGER FOR THE ZERO PLASTIC WASTE SOCIAL BUSINESS

For our new recycling plant in Puducherry, we are looking for a Production Manager who will be in charge of:

### Responsibilities during Construction Phase:

- **Ordering and set-up of machines:** The production machinery that has not yet been purchased during earlier project phases will need to be ordered and installed
- **Set up of the facility:** The processing facility will be located in an industrial area that meets the requirements in terms of plastic recycling industry, sourcing and distribution opportunities, space, available human resources, etc. Potential renovations, Construction of PEB and setup works will need to be overlooked
- **Permissions:** Any (remaining) necessary permissions (e.g. security or hygiene certificates, Environmental Impact Assessment, HT Line commissioning & getting power supply, PWM certificate) will need to be applied for in close alignment with the General Manager
- **Recruitment:** Recruiting plant team and technical staff together with the General Manager
- **Commission the Plant:** Coordinate with all respective stakeholders, internal teams and complete plant commissioning works within the set targets

### Responsibilities after Construction Phase:

#### **Production & Warehouse**

- Start of production: Steady growth of production capacity towards full production within three years, achieving operational targets set for the month and year
- Determining the production planning on the basis of customer requests in alignment with purchasing and sales manager
- Production control of performance data with regards to performance specifications and waste quantities (performance data, evaluation of machine output, etc.). Daily reporting to the General Manager
- Ensure that production processes, as well as machines, other technical equipment are used economically throughout
- Ongoing continual improvements of processes and overall productivity
- Implement lean manufacturing principles wherever applicable
- Ensuring economical, timely and efficient production, as well as in-house logistics
- Organization and responsibility for incoming raw material and goods verification
- MIS reports and Inventory responsibility for input materials including weekly/Monthly inventory reports to the General Manager and Accountant
- Ensure all statutory and legal compliances met both for products and processes
- Implement manufacturing resource planning
- Coordinate with sales team and release master production schedule
- Define BOM and ensure the material is consumed as per BOM for better cost control
- Preparation of annual budgets for CAPEX and OPEX
- Planning and execution of capacity additions, cost compliances as per budget
- Maintain CAPA register for all major issues raised under 4M

#### **Machinery**

- Oversight of proper use and utilization of machinery and all technical equipment
- Maintenance and optimization of machinery
- Remedy of technical issues in the production process

- Ensure daily, weekly, monthly and annual maintenance check list and maintain downtimes within targeted timelines

### **Product**

- Oversight of product prototyping and new product development
- Ensuring the required quality of products through quality control and reporting to General Manager
- Check new orders regarding feasibility in terms of product specifications and production capacities
- Establish systems, procedures and SOP's to assure quality to customers
- Prepare dispatch plans and organize the material dispatch as planned

### **Sourcing**

- Coordinate with sourcing team and established vendors for getting the material to plant on time and in order to meet weekly/monthly targets
- Helping the team to find new sourcing avenues and creating infrastructure/build mechanism to get sorted material from informal sector/waste pickers working at dump sites

### **Personnel Management:**

- HR workforce planning and team building together with General Manager
- Definition of skill requirements and training of employees in the production area
- Ensuring workplace safety and that staff follows health and safety regulations
- Provision of technical briefings and trainings for workforce

### **Job requirements:**

- Technical Bachelor's degree or equivalent with at least 10 years of experience in a manufacturing role and at least 5 years in a supervisory role
- Proven experience in the Extrusion machines (pellet making), Compounding process, waste management & plastic recycling sector is required
- Extensive know how on plastic manufacturing processes (sorting, shredding, washing, extrusion and compression molding)
- Strong experience in production, production planning and control
- Independent and reliable work style
- Indian nationality, English, Tamil and Hindi language skills are a plus
- Proven leadership skills
- Excellent communication skills & critical and analytical thinking
- Problem-solving attitude

### **Benefits:**

- Attractive salary package (negotiable)
- Health insurance package
- Working in a mission driven social business
- International working environment in a company focused on societal and environmental benefits

### **To apply:**

Please send your CV and a short cover letter including your earliest starting date and salary expectations to Mr. Pratheek Patil [Pratheek.Patil@yunuseh.com](mailto:Pratheek.Patil@yunuseh.com) with the subject "ZPWC\_PM\_your full name". Review of applications will begin from 1<sup>st</sup> May 2021, and will continue until the position is filled.