

PRODUCTION MANAGEMENT ENGINEER

Bangladesh | +880 1723-921680 | moniruzzamanmia@ymail.com
www.moniruzzamanmia.com | [linkedin.com/in/md-moniruzzaman-mia-928108115](https://www.linkedin.com/in/md-moniruzzaman-mia-928108115)

PROFILE

Production management and industrial engineering professional focused on machine development, process optimization, capacity improvement and measurable manufacturing results.

DOCUMENTED IMPACT

\$52,500

Machine-making savings

\$59,121/year

Six Sigma savings

100%

Best defect reduction

SELECTED ENGINEERING RECORD

Body Foaming Capacity Increase

Targeted cycle constraints through pulley, gear-motor ratio, chain-sprocket and inverter-speed changes. Documented investment: BDT 177,000 (EUR 1,727). Documented saving: BDT 11 million/year (EUR 107.50K).

Purpose-Built Production Machines | 2018-2024

Recorded work includes condenser straightening/cutting, three automatic condenser bending machines, evaporator pressing, tube flaring and two cabinet-trimming applications.
Source-table total saving: \$52,500.

Defect, Scrap and Setup Improvement

Kaizen results: body dent/scratch 5.74% to 1.50%; middle cross scratch 1.20% to 0.00%; liner scratch 1.50% to 0.50%. Three Six Sigma projects record \$59,121 combined annual savings. SMED records show 25-38% setup-time saving.

CORE CAPABILITIES

- Production management, capacity analysis, resource allocation and KPI / A3 reporting
- Machine development, technical evaluation, specifications and fabrication oversight
- Lean manufacturing, Six Sigma, Kaizen, SMED and cause-and-effect analysis
- SAP-related technical justification, SRM and tool-shop investment workflows
- Team leadership, training, inventory management and equipment monitoring

- # TRAINING & CERTIFICATIONS
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- Certified Lean Six Sigma Black Belt
 - Certificate of Excellence - Leading People & Team
 - Finance for Non-Finance Managers (FNM)
 - ISO 45001:2018 Occupational Health & Safety
 - Certified Refrigeration and Air Conditioning Assessor
 - Technical Training on Refrigerators in China
 - Certified KPI (Key Performance Indicator) Professional

ENGINEERING TOOLBOX

- Lean manufacturing, Six Sigma, Kaizen and SMED
- Cause-and-effect analysis and process-time analysis
- Factory KPI and A3 reporting
- SAP investment workflows and technical justification
- Project management and mechanical specifications
- Inventory management and equipment monitoring

IMPORTANT RECORD NOTE

This document intentionally contains only information verified in the portfolio source.

Employer chronology, education, credential dates and referee policy are not included because the source repository does not provide enough verified information. These items should be added after supporting documents are supplied.

CONTACT

Phone / WhatsApp: +880 1723-921680

Email: moniruzzamanmia@ymail.com

Portfolio: <https://www.moniruzzamanmia.com>

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