

e-Briefing on Productivity Improvement

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Productivity Improvement

The garment sector is the lifeline of Bangladesh Economy. With over 4000 garments units operating in Bangladesh, the export is around USD 25.5 billion in 2014-15 in the world only behind China. The 2014 Japan External Trade Organisation (JETRO) survey showed that Bangladesh was ranked the lowest in terms of skill set of employees. The average rate of productivity in Bangladesh is 31.6%, while it is 77.8% in Sri Lanka, 68.4% in Pakistan, 44.4 % in China and 42.1% in India. There are lot of scopes to increase productivity of garment production. This increase in productivity will allow Bangladesh to be competitive in this global garment export market.

What is productivity and productivity improvement?

Productivity is generally expressed a ratio of output/input. Here output is garment production in pieces and input means the resources that are used to produce such as Man, Machine, and Material. Efficient use of resources will increase the output with these minimum use of resources which will also reduce input as the waste.

Productivity Improvement

Skill Development
by Proper Training

Effective Planning

Production System
Development by
Reducing Waste

Proper Monitoring
and Feedback

Bring the
Automation in the
Work

Improve Method by
Reducing
Unnecessary
Motion

Work Station
Design by Using
Ergonomics

Standardisation of
Work . e.g.
Calculation of SMV

Tools to increase productivity in manufacturing

- Work study (improve method & standardize the work)
- KPI's (identify baseline and to suggest corrective action plan)
- Gantt chart (planning, monitoring & co-ordination)
- 6 Sigma (quality system development and error minimisation)
- Ergonomics (make work comfortable)
- 5-S (shows effective and efficient way of work)
- Kaizen (continuous improvement)
- JIT (bring the flow to work)
- Kanban (use pool system in production)

RCB provides training on productivity improvement for

- Top-level management (production system development and monitoring up to root level)
- Mid-level management (working systems development and strong production team development)
- Worker (skill development and knowledge about advanced operation technique)

Reed Consulting Bangladesh Ltd. have been involved with Textile, Garment and Leather sector for the last 8 years. An initial walk-through gives an idea about the level of productivity in a current set-up which is then studied in details to find out the opportunities (of the utilization of man, machines and materials). For further information please email to customercare@reedconsultingbd.com.