GENERAL FACTSHEET

Changeover excellence
Route to flexible fast turn production

Simplifying and streamlining the production process.

Customer requirements and market pressures are driving all industries towards smaller batch sizes, customised products and shorter lead times; this in turn leads to more changeovers, pressure on maintenance and more cleaning time.

Whether completing a complex re-configurations of process equipment or repeated pack changes the challenge is how to reduce time and cost.

What we offer
Changeover excellence is a proven product ABB have developed to ensure every changeover is right first time in the shortest possible time every time.

The goal of changeover excellence is to bring predictability and reliability to changeovers and to enable operators to complete a changeover in the minimum time possible, so as to increase plant capacity and manufacturing flexibility.

Our approach
ABB offers a holistic changeover assessment and improvement process which has the following components:

- Rapid changeover assessment
- SMED* based efficiency improvements; elimination, externalisation, internalisation and streamlining of activities
- Changeover preparation and systems improvement
- Options engineering and prioritisation
- Cleaning and validation optimisation
- Innovative tooling
- Documentation readiness

Sustainable improvement is key to our success and the whole changeover process is made sustainable by:

- Practical implementation and effective KPIs
- Application of reliability centred improvement techniques
- Effective training and competency assessment
- Managing culture change management

*SMED techniques (Single Minute Exchange of Dies) originally developed in the automotive industry is now widely being re-applied across a diverse range of industries.
Benefits
- Reduced finished goods stock levels
- Reduced raw materials inventory
- Reduced waste
- Improved planning and resource management
- Agile production scheduling

Why ABB?
ABB have an operational heritage. Having identified the improvement potential we have the practical experience and broad expertise to deliver the practical implementation.

Whatever the scope of a changeover the ABB model of changeover excellence will help to identify and eliminate the sources of variability and waste.

The ABB consultant can act as the changeover reduction project mentor and introduce best practice, applicable tools and thinking at the time they are appropriate and therefore most effective.