

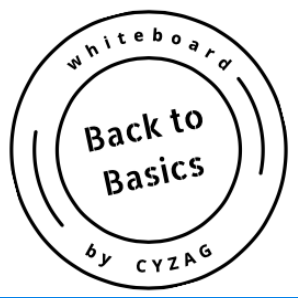


whiteboard  
by CYZAG



**Are you tired of month-end surprises?**

**Let's get back to basics of Short Interval Control - SIC**



## The need

Do you want your manufacturing organisation to respond rapidly to changes? Or to deliver on agreed targets, quickly identifying and solving issues as soon as they arise?

Short Interval Control (SIC) methodology is a smart way to structure frontline decision-making to reach efficiency based on real-time data.

Let's get back to basics and discuss the SIC methodology.

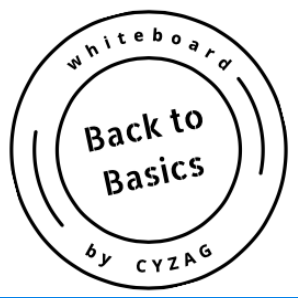


## 1. Why does SIC matter?

When data decision-making is moved closer to the source, you get the maximum speed, efficiency and profitability.

Frontline staff working in chemical plants are often in the best position to identify improvement opportunities.

When using SIC, they track efficiency combined with key process data in real-time, having all context to decide if the process requires immediate action, preventing losses rather than reacting after an event.

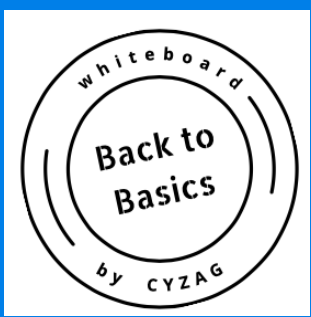


## 2. What is SIC?

Short Interval Control (SIC) is a factory-floor process for driving production improvements.

It is a quick (5min) and focused review of performance during the shift to:

- 1- Check data from past interval and which actions were taken.
- 2- Evaluate what is going on now.
- 3- Define needed data and review actions to going forward for next interval .

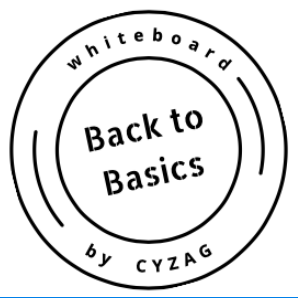


### 3. SIC - How, when and who?

**How:** Using a digital visual tool, like the Whiteboard, to have real-time trends and add contextual data on demand. And to register all the actions and have them available for everyone quickly and easily.

**When:** SIC is performed every two to four hours, breaking the shift into “short intervals”.

**Who:** It is performed by 2-4 people working in the shift, usually panel and field operators, shift supervisor, engineer and maintenance person.



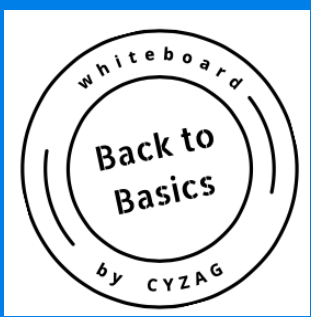
## 4. How to start SIC?

Define the focus metric and a leader to drive and keep teams focused.

Validate data collection: verify sensors, calibration routines, measuring range and collection interval.

Check the granularity of measurement (adequate number of data points in the interval).

Train team members to understand the process and use the tool, ensuring everybody can identify deviations and propose actions.



## 5. Which parameters work with SIC?

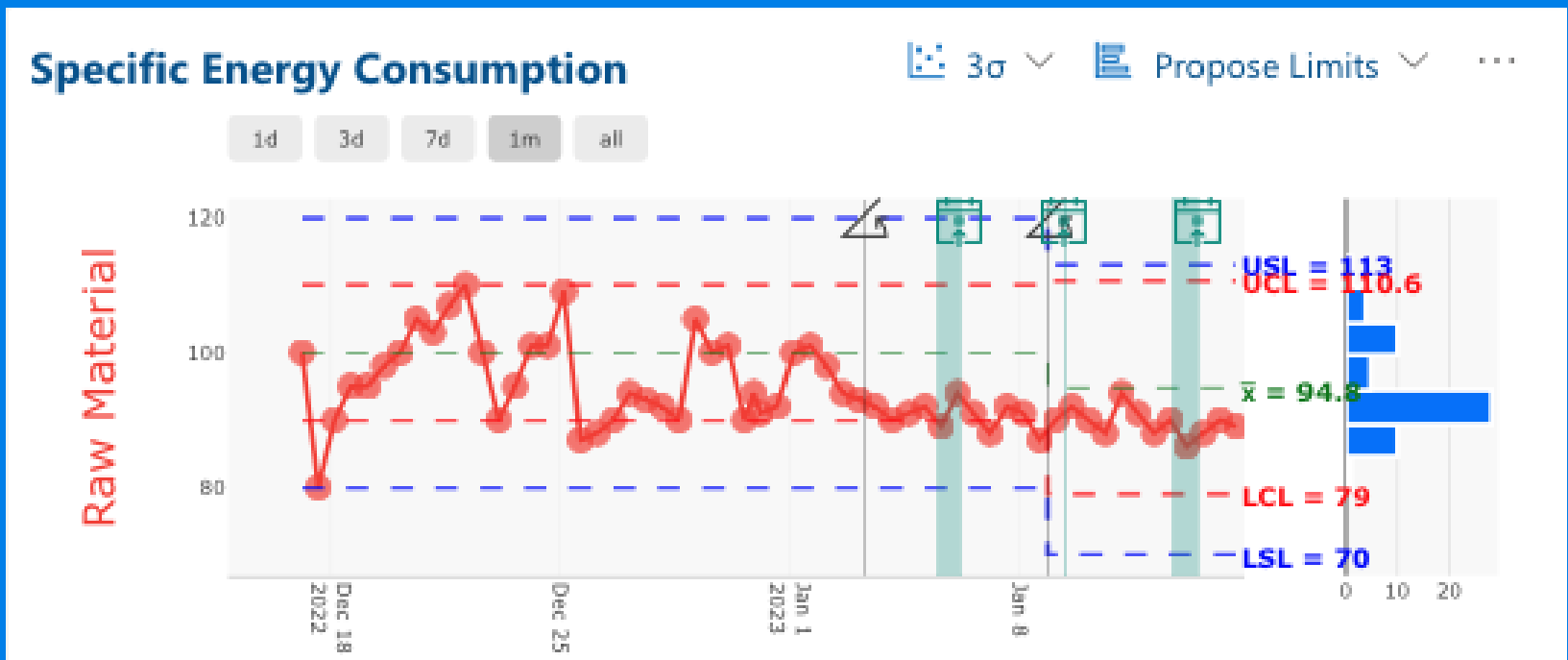
Any parameter or equipment that is key for team/ plant performance can be selected.

Typical variables using SIC are OEE (Overall Equipment Effectiveness), raw materials consumption, quality parameters, energy and water consumption and emissions.



## 5. Which parameters work with SIC?

- The picture shows an example of a trend in energy consumption in a chemical plant.
- It was set to execute SIC and delivered a lower and more stable consumption.







We create the Cyzag Whiteboard for you and your team to have real-time data into the hands of the right people, in the right place, at the right time.

Book a demo with us today to see how to do SIC easily, efficiently and accessible.