PROCESSING PLANT MONITORING

INCREASE OUTPUT, IMPROVE PRODUCTIVITY

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Streamlining the business and implementing processing plant monitoring can improve processing productivity, increase output, minimise waste and reduce operating costs.

Introducing or improving controls and monitoring at every stage of processing coupled with the outsourcing, or quality management of laboratory facilities can increase production levels and improve employees' adherence to rules and processes. In addition, process monitoring can improve the way that raw materials and final products are accounted for, thereby reducing waste and 'lost' resources.

The commercial advantages of processing plant monitoring can bring tangible benefits to the following industries:

- Flourmills
- Crushing plants
- Feed production plants
- Malting industry
- Starch production
- Wood pulp plants
- Biofuel – ethanol
- Sugar processors

ADVANTAGES

In a competitive marketplace, processing plant monitoring delivers efficiency and cost improvements. Importantly, third party process plan monitoring includes an independent assessment of the overall business, and can help businesses to:

- Identify critical points in the control and accounting systems for both raw materials and final products
- Review input/output balances, products/utilities
- Review the general condition of machinery and identify areas for improvement
- Determine raw material and final product quality parameters, in order to manage output estimates, thereby improving production performance
- Manage the inspection of raw material quality on arrival, protecting both investor and plant interests
- Improve employee adherence to rules and processes
- Acquire additional credit resources under SGS warranty

KEY STAGES

Plant monitoring has four key stages:

1. Physical movement monitoring – control of the movement of raw materials and final products.

2. Laboratory control – laboratory performance management is a complicated task requiring much expertise. With extensive experience in the field, SGS can supply several support models, to meet client needs and resources. These include:

- Laboratory audit
- Supervised/selective parallel testing
- Outsourcing
- Acquisition

3. Accounting monitoring – reduce waste and loss through the analysis of raw materials and finished products throughout the plant, including a daily reconciliation with plant and stock data.

4. Technical monitoring – detailed review and evaluation of all technological processes of processing with target to give expert opinion on areas of potential improvement.

Our final report will address savings potentials and propose possible solutions for improvement productivity.

WHY SGS?

Independent and expert in the agriculture industry, SGS has a global network of qualified auditors, laboratory personnel and premises. Our globally consistent services can be customised to client specific requirements, and standardised across multiple locations as needed.

We deliver financial and operational advantages by taking care of processing from intake quality and quantity control through accounting and laboratory performance management to staff training. SGS's internationally accepted certificates and accreditations further smooth the process.

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WHEN YOU NEED TO BE SURE

SGS