Microsoft Dynamics – Ax LIMS

Ax LIMS deals with:

Sample collection

Analysis and

Analysis quality processes.

What is Microsoft Dynamics Ax LIMS?

The Microsoft Dynamics Ax Laboratory Information Management System (Ax LIMS) is the support module of the Production Accounting Module (Ax PAM) as well as the geology sample processes. These modules form an essential component of any metallurgical operation.

How can it support your business?

Due to the variety of steps involved in the metallurgical processes, a MMP LIMS must be able to store not only sample data, but also the analyst/analysis information, instrumentation and protocol data associated with each process performed on the samples. A proper Ax LIMS must support the fast turnaround time required, combined with reliable data management. At the same time enforcing the lab's business rules on the specifications required for each sample. Key is the ability to interface with various laboratory instruments.

In essence Ax LIMS assists the Laboratory, Geology and Production departments in managing samples through their analysis lifecycles. This is beneficial in laboratory users' standardised processes based on sample preparation practices, instruments, standards and other laboratory functions such as plate management and workflow automation.

The Mining and Metals Processing (MMP) industry is of such a nature that it requires analysis of samples at various stages of the MMP and Exploration process. Results must be collected and evaluated soonest to ensure that qualitative properties, quality control thresholds or customer specifications are met. Ax LIMS provide metal laboratories with reliable and flexible functionality, while providing a platform for enterprise-wide information and reporting.

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Ax LIMS key elements include:

QA & SPC in MS Excel

QA & calibration inserts

Supports retesting & notification

Adhock samples & manual tests

Point sample stats (Plant to Lab)

Test process definition & calculations

Integrated to Ax Production Accounting

The differentiator

Dynamics AX with PAM and Ax LIMS support best of breed features and above all does not separate the ERP, EAM and production accounting. The same user interface exists across multiple disciplines. Add to this the Microsoft technology with trusted, scalable and robust platforms and you have a compelling and cost effective solution.

Well integrated information support reliable and timely information delivery to stakeholders and decision makers. Automatic assay updates improves reliability and consistency. By implementing this module, metals and mineral laboratory information is made accessible on demand near real time.

Why choose Ax LIMS?

- Instrument integration for data collection
- Work allocation to reduce bottlenecks
- Automatic alerts based on thresholds
- 100% Part of Microsoft Dynamics AX
- Laboratory workflows management
- SOP & protocol management
- Data security & integrity
- Sample management
- QA/QC

Microsoft Dynamics AX