Microsoft Dynamics – Ax PAM 2

Ax PAM 2 deals with:

Production Accounting 2 covers the area of surface operations (also referred to by some as Metals Accounting).

What is Microsoft Dynamics Ax PAM 2?

Microsoft Dynamics Ax Production Accounting Module 2 is the second sub module of the Production Accounting Module (PAM). It is an essential component of any metallurgical operation. Ax PAM is a module within Microsoft Dynamics AX.

How can it support your business?

In Essence Ax PAM 2 tracks the value of the mineral content (assay multiplied by mass) throughout the normally complex production process (also known as the flowsheet).

Ax PAM 2 provides a batch by batch view of the mineral processing performance of the plant and its team. Each of the team members are gatekeepers of vital elements of the recovery process. Plant management is the decision makers aided by the information provided by the Production Accounting role.

Ax PAM 2 with Dynamics AX

The production module in Microsoft Dynamics AX is used as the backbone and integration repository of Production Accounting. The xMMP (exploration, Mining and Metals Processing) modules provide users with the ability to create a production recipe so that you can track the metal content throughout the entire metallurgical process. Actual material consumption and finished product information is automatically posted to the general ledger from this module.

As the minerals exit the processing pipeline, the commercial aspects of production accounting becomes important. Invoice data and penalties are determined from analysis results agreed with the customer.

Microsoft Dynamics AX

Microsoft Dynamics – Ax PAM 2

Elements of a good production accounting system (surface ops) include: (of any production accounting system or of PAM II?)

Mass Balancing methods

Mass balancing Methods

Good LIMS (Lab) systems

Reliable weighing devices

Control (SCADA/PLC) systems

Proper sampling and analysis processes

The differentiator

In general, production accounting solutions in the market takes pride in their functions and features at the expense of integrated information.

Most, if not all of these, have separate and stand-alone modules for inventory (including WIP) valuations (ERP), mass balance calculations, sampling, plant maintenance (SAM) and more. The objective of these vendors is to have these modules integrated but in reality they are not.

Dynamics AX with the xMMP Production Accounting module supports best of breed features and above all does not separate the ERP, SAM and production accounting. The same inventory master file is used for all these functions. The same user interface exists across the disciplines. Add to this the Microsoft technology with trusted, scalable and robust platforms and you have a compelling and very cost effective solution.

Well integrated information supports reliable and timely information delivery to stakeholders and decision makers. Plant data from SCADA/PLC operators is delivered directly as stream masses and LIMS data for stream samples combine to give a contained metals results for a particular stream.

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xMMP

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