



Advanced Manufacturing System

Advanced Manufacturing System (AMS) Chemical Manufacturing Case Study



Since 1946, Pascoe's which is based in Western Australia, has been one of Australia's leading manufacturers of chemicals. Pascoe's products are used in the domestic, industrial and manufacturing sectors and are available throughout Australia in leading supermarkets and hardware stores. Pascoe's services retail, industrial and institutional customers with specialised production and packaging of household chemical products. In addition, the Company also produces and packages its own range of over 200 products. Some of Pascoe's brands are:

- Aura
- Bluo
- Drain Clean
- Essentials
- Glitz
- Hovex
- Long Life
- Mechanix
- Oomph
- Proganics
- Scotts
- White Tulip



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The Challenge

Pascoe's commitment to providing quality products created the need for a manufacturing system that could meet the changing needs of its customer base.

As one of Western Australia's largest manufacturers of chemicals, Pascoe's wanted a reliable manufacturing software that would assist them in their production and packaging of household chemical products. The new system also needed to integrate with the current accounting system.

Pascoe's existing Bill of Materials system was not flexible or comprehensive enough to support their new business operations. Nor did it offer the flexibility and multi-user capabilities that the company required. Pascoe's needed a quick and easy way to manage their Bills of Materials, costs of raw materials and finished goods, and required the ability to modify their standard Bills to cope with variable yields.

The Solution

Pascoe's identified the Advanced Manufacturing System (AMS) as a cost effective solution that would be able to successfully satisfy their requirements.

AMS could be implemented to integrate with their existing accounting software, and allow for standard bills for streamlined data entry of manufacturing information. They were also able to change bills on an as required basis and more effectively manage production costs.

Rather than entering a work or manufacturing order at the start of the manufacturing process, AMS allows back flushing to let Pascoe's enter what was produced upon completion of the manufacturing process. AMS then automatically back flushes all the resources that went into producing the order, including labour and machine time, effectively reducing tedious data collection.

Costs recorded in AMS can be continually updated as and when raw material prices change. Once entered or modified, this information is available throughout the system and can assist with key business decisions.

The Results

Reduced data entry time and more accurate information has been the biggest bonus of AMS. Bills of Materials are easier to update and all systems are now fully integrated. This integration of accounting and manufacturing information means that real time information is available for decision making, which has led to efficient production planning and scheduling.

AMS also assists Pascoe's with the management of raw materials, providing the previously unavailable flexibility to cope with variable yields. An accurate record of actual consumption can be kept in a quick and efficient manner.

AMS has equipped Pascoe's to go forward, and has delivered the management control critical to accomplish their philosophy to "do it right first time - every time".



To see how AMS can help your business, please contact us at:

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