

1367 - QESTMIX AUDIT REPORT (D059)

QestMix Audit Report Specification

Project:	42003
System:	QESTMix
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Date Created:	17 January 2006
Date Last Modified:	18 January 2006
Revision:	1.0
Filename:	42003-1367 qestmix audit report (d059).mht

DOCUMENT CONTROL

Date	Author	Revision	Change Reference
17 Jan 06	Lief Martin	1.0	Original Document

RELATED DOCUMENTATION

Name	Location	Details
D059 Qestmix Audit Trail.doc	\\adls0003\Documents\Customer\Active\AURMX - Readymix Holdings\42003 National System\Specifications\D059 Qestmix Audit Trail.doc	Original specification

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1. Business Requirements

1.1 Overview

There is a need within the business to be able to trace the reason for changes to a particular product over time. This is particularly important for auditing purposes, which a time consuming process even without having to view the changes one at a time.

2. Functional Requirements

2.1 Overview

This enhancement improves the traceability of product changes by being able view the reason for all of the historical changes to a product on a single screen. The Qestmix user currently has to click on every version of the product to view the reason for mix changes.

This will be implemented as a new QESTMix report, which will be made available on a per-product basis. This report will also be made available in the "Reports" section, allowing it to be run on several products at once.

2.2 Audit Report (individual)

This section described the audit report for a single product. It does not support the use of filtering. Filtering will be available in the "Reports" section of QESTMix.

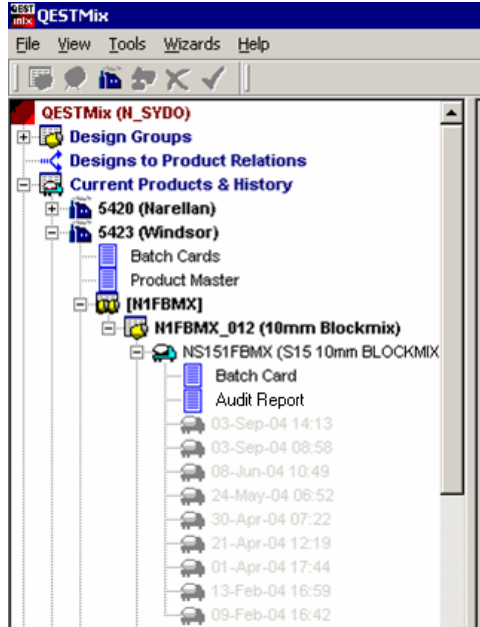


Figure 1: QESTMix Tree showing Audit Report node

A new node will be added under QESTMix products for the Audit Report.

When this node is selected, an audit report for the product will be displayed. The report will contain the following information:

Caption	Fieldname
Date Modified	DateModified
Plant Code	Plant
Product Code	ProductCode
Design Group	GroupCode
Cementitious Content	Total_Cementitious
Yield	Yield
Reason For Change / Comments	ModifiedReason

Comment [LM1]: Does it make sense to also display the Mix Code? For mixes that are not mapped to change point groups, the total cementitious isn't a good indicator of the actual mapping (not sure if that is important?).

The formatting and fonts will be similar to other QESTMix reports (font style / font size etc.). An (incomplete) example of the content that should be displayed is shown below.

Concrete Audit Report

Plant Code	Product Code	Date Modified	Design Group	Cementitious Content	Yield	Reason For Change / Comments
5423	NS151FBMX	30-Nov-04	N2FPMP_001	345	0.96	Change of Accelerators
		28-Sep-04	N2FPMP_001	345	0.96	Cement Efficiency Factor Adjusted
		03-Sep-04	N2FPMP_111	345	0.96	Change of Air Entrainer

Figure 2: Concrete Audit Report Layout

2.3 Audit Report (multiple)

A new node will be added to the Reports section of the QESTMix tree. This node will allow the Audit report to be run on a range of products at once.

The default filter will have the following criteria:

- Plant Code
- Group Code
- Product Code
- Date Modified (between)

If the report runs onto multiple pages, the current plant and product code will be repeated at the beginning of the new page.

3. Assumptions and Additional Constraints

n/a