

2217: BATCH CARD ENHANCEMENTS (D149)

Specification for enhancements to QESTMix Batch Cards

Project:	42003
System:	QESTMix
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Date Created:	10 February 2006
Date Last Modified:	27 February 2006
Revision:	1.1
Filename:	42003-2217 enhancements to qestmix batch cards (d149).mht

DOCUMENT CONTROL

Date	Author	Revision	Change Reference
10 February 2006	Lief Martin	1.0	Original Document
27 February 2006	Lief Martin	1.1	Added 'Exclude Cementitious'

RELATED DOCUMENTATION

Name	Location	Details
D149 Qestmix Reporting Improvements.doc	\\adls0003\Documents\Customer\Active\AURMX - Readymix Holdings\42003 National System\Specifications\D149 Qestmix Reporting Improvements.doc	Original Spec - this covers items 2 and 4 in the original spec.

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1. Business Requirements

1.1 Overview

This specification covers three enhancements to the batch card report in QESTMix to allow more flexibility when viewing/printing batch cards.

2. Functional Requirements

2.1 Overview

There are two enhancements to the batch cards. The first is for the batching of admixtures, which are sometimes dependent on temperature or other factors. The second is to allow the display of the 1m³ batch weights at the bottom of the batch card, to replace the 1m³ SSD weights. The third is to allow cementitious materials to be excluded from the batch card.

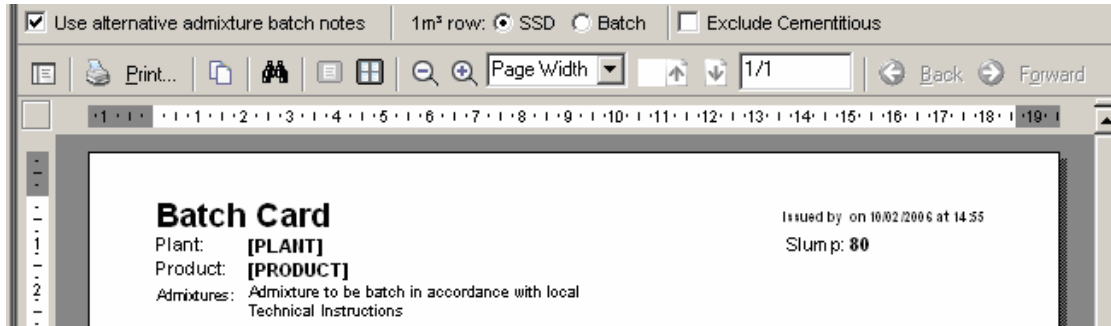


Figure 1: Mock-up showing the location of the new options

2.2 Admixture Batching Instructions

2.2.1 New Admin Console Option for Admixture Batching Instructions

A new setting will be made available in the Admin Console:

Batch Cards > Alternative Additive Instructions

This should be set to an appropriate message to display on the batch card – e.g. "Admixture to be batch in accordance with local Technical Instructions"

2.2.2 Admixture Batching Instructions Option

An option will be added to the report header to allow the user to choose between showing the additives, and showing the custom message. Changing this option will refresh the report, and update the additive information as appropriate.

When checked, the custom message will be displayed. When unchecked (default), the additives will be listed along with their dose rates (as is currently done).

This option will only be available when the *Alternative Additive Instructions* option has been set in the Admin Console.

2.3 Option for SSD Weights / Batch Weights

A new option will be added to the report header to allow the user to choose between displaying the SSD weights, or Batch weights at the bottom of the report.

The default will be to display SSD weights. This option will only be available when the "Show SSD weights on batch card" option is enabled in the Admin console.

2.4 Exclude Cementitious Option

An option will be added to the report header to allow the user to choose to exclude cementitious materials from the batch card. Changing this option will refresh the report, and update the additive information as appropriate.

When checked, the material columns relating to cementitious materials will not be shown

3. Assumptions and Additional Constraints

n/a

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