

KENTUCKY TRANSPORTATION CABINET

Kentucky TRNS*PORT Information Series

SiteManager Materials Module

Aggregate Mix Design Window

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Aggregate Mix Design Window Description

Aggregate Mix Design window allows for the addition, modification, and approval of Aggregate Mix Designs. An Aggregate Mix Design may not be changed if it is approved. The test results on this window are used by SiteManager for comparison. An Aggregate Mix Design may also be downloaded for a specific contract.

Procedure

The Kentucky Transportation Cabinet will not use this window at this time.

DESCRIPTION FOLDER TAB

Description Folder Tab Description

Procedure

Field Table

Field Name	KYTC Population Policy & Procedure
Mix ID	The ID for the Aggregate mix design. - KYTC will not be using this field.
Material Code	The transportation agency-defined ID for a material. This is the material code for the Aggregate mix. - KYTC will not be using this field.
Material Code Full Name	The description of the material. - KYTC will not be using this field.
Producer Supplier Code	The transportation agency-defined ID for a source/location of the material. Producer/Supplier Code must have an active status on the Producer Supplier table, when entered. - KYTC will not be using this field.
Producer Supplier Name	Source name. - KYTC will not be using this field.

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Field Name	KYTC Population Policy & Procedure
Designer Name	The name of the designer responsible for the Aggregate mix design. The designer name must exist on the Testing Personnel table, when entered. - KYTC will not be using this field.
Effective Date	Effective date for the Aggregate mix. Defaults to current date when a new Aggregate mix is entered. - KYTC will not be using this field.
Termination Date	Date the Aggregate mix is no longer available for use. Must be greater than Effective Date. - KYTC will not be using this field.
Approved Date	A system generated date to identify when the Aggregate mix was approved. Defaults to current date when Aggregate mix is approved. - KYTC will not be using this field.
Approved By User ID	A system generated value containing the user ID of the person approving the Aggregate mix. - KYTC will not be using this field.
Raw Soil Maximum Density	The oven-dry density of the soil at optimum moisture content. - KYTC will not be using this field.
Units	The unit of measure for Raw Soil Maximum Density. Required when Raw Soil Maximum Density entered. - KYTC will not be using this field.
Raw Soil Optimum Moisture %	The moisture content corresponding to the peak of the curve produced by plotting the densities and corresponding moisture contents for the soil. - KYTC will not be using this field.
Raw Soil + Cement Percent	Percentage of cement content in soil-cement mixture. Required when Soil Cement Maximum Density and Soil Cement Optimum Moisture % are entered. - KYTC will not be using this field.
Soil Cement Maximum Density	The oven-dry mass of the soil cement mixture at optimum moisture content. - KYTC will not be using this field.
Units (Soil Cement Max Density Units)	The unit of measure for Soil Cement Maximum Density. Required when Soil Cement Maximum Density entered. - KYTC will not be using this field.
Soil Cement Optimum Moisture %	The moisture content corresponding to the peak of the curve produced by plotting the densities and corresponding moisture contents for the soil-cement mixture. - KYTC will not be using this field.
Recommended Cement Content by Volume	Recommended percentage of cement content in mixtures of cement with soil by volume of soil. - KYTC will not be using this field.

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Field Name	KYTC Population Policy & Procedure
Recommended Cement Content by Weight	Recommended percentage of cement content in mixtures of cement with soil by weight of soil. - KYTC will not be using this field.
Maximum Volume Change %	This is the difference between the volume of the specimen at the time of molding and subsequent volume as a percent of original volume. - KYTC will not be using this field.

COMPRESSIVE STRENGTH FOLDER TAB

Compressive Strength Folder Tab Description

Procedure

Field Table

Field Name	KYTC Population Policy & Procedure
Age	The age of the specimen break. - KYTC will not be using this field.
Age Type	Specifies the type of age (e.g. days, hours, minutes). - KYTC will not be using this field.
Cement Percent	Percent of cement in mixture. - KYTC will not be using this field.
Compressive Strength	Compressive strength of the mixture. - KYTC will not be using this field.
Compressive Strength Units	Unit of measure for compressive strength value (e.g. PSI.) Required when Compressive Strength entered. - KYTC will not be using this field.

MATERIALS FOLDER TAB

Materials Folder Tab Description

Procedure

Field Table

Field Name	KYTC Population Policy & Procedure
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Field Name	KYTC Population Policy & Procedure
Material Code	The transportation agency-defined ID for a material. The Material Code must have an active status on the Material table. - KYTC will not be using this field.
Material Name	Identifies the brand of the material contained within the Aggregate mix design. - KYTC will not be using this field.
Producer Supplier Code	The transportation agency-defined ID for a source/location of the material. P/S Code must have an active status on the Producer Supplier table, when entered. - KYTC will not be using this field.
Blend Percent	The percentage of material contained within the Aggregate mix design. - KYTC will not be using this field.
Sample ID	The ID for a sample. Identifies the sample used to approve the material contained within the Aggregate mix design. - KYTC will not be using this field.

GRADATIONS FOLDER TAB

Gradations Folder Tab Description

Procedure

Field Table

Field Name	KYTC Population Policy & Procedure
Effective Date	The date the gradation specification becomes effective. Defaults to current date when a new set of material gradation specifications are created or copied. - KYTC will not be using this field.
Status	Identifies the current status of this sieve size record (e.g. active or inactive). Status defaults to active. - KYTC will not be using this field.
Sieve Size	AASHTO and ASTM standard sieve sizes (i.e. 1/2, No. 4). Sieve size required when Minimum or Maximum entered. - KYTC will not be using this field.
Sieve Value	The percentage of bituminous mix material passing through the sieve screen. - KYTC will not be using this field.
Minimum Range	The beginning value for the gradation specification limit. - KYTC will not be using this field.
Maximum Range	The ending value for the gradation specification limit. - KYTC will not be using this field.

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Field Name	KYTC Population Policy & Procedure
Min Production Tolerance	The minimum production tolerance value specification. This field is required when the Sieve Value field is populated. - KYTC will not be using this field.
Max Production Tolerance	The maximum production tolerance value specification. This field is required when the Sieve Value field is populated. - KYTC will not be using this field.