

SLOVENSKI STANDARD

SIST EN 13108-21:2006/AC:2009

01-januar-2009

Bitumenske zmesi - Specifikacije materialov - 21. del: Kontrola proizvodnje v obratu

Bituminous mixtures - Material specifications - Part 21: Factory Production Control

Asphaltmischgut - Mischgutanforderungen - Teil 21: Werkseigene Produktionskontrolle

Mélanges bitumineux - Spécifications des matériaux - Partie 21: Maîtrise de la production

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Ta slovenski standard je istoveten z: EN 13108-21:2006/AC:2008

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ICS:

93.080.20 Materiali za gradnjo cest Road construction materials

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EUROPEAN STANDARD

EN 13108-21:2006/AC

NORME EUROPÉENNE

October 2008

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Octobre 2008

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ICS 93.080.20

English version
Version Française
Deutsche Fassung

Bituminous mixtures - Material specifications - Part 21: Factory Production
Control

Mélanges bitumineux - Spécifications des
matériaux - Partie 21: Maîtrise de la
production

Asphaltmischgut - Mischgutanforderungen -
Teil 21: Werkseigene Produktionskontrolle

This corrigendum becomes effective on 29 October 2008 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 29 octobre 2008 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 29. Oktober 2008 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 13108-21:2006/AC:2008 (E)**1 Modification to Clause 5****5.3, Table 1**

Add a line in "line 2 Binder" between "Tank temperature" and "penetration and softening point" until and included column 3 and 4.

5.4

In the first paragraph there is a reference to a note, but there is no note. Delete "(see note)".

2 Modification to Clause 6**6.2 and 6.3**

all the tables

Add "and" or a comma and "and" between the frequencies mentioned in the last columns of the tables. Otherwise producers can choose between these frequencies. Add full stops at the end of text in the last columns of the tables.

E.g.

a) ... and b) ...

a) ..., b) ... and c) ...

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Change column 4 of Table 2 as follows:

Table 2 — Minimum plant calibration requirements

Column	1	2	3	4
Line	Item of plant	Inspection/test	Purpose	Minimum frequency
1	Weighing equipment	Visual inspection as described in procedures	To ascertain that weighing equipment is functioning correctly	Daily.
		Testing of weighing accuracy — (recalibration)	To ensure accuracy within quality plan requirements	a) On installation ^a , b) every year and c) in case of doubt.
2	Admixture dispensers	Organoleptic inspection	To ascertain that dispenser is functioning correctly	First batch of the day containing admixture.
		Test for accuracy as described in procedures.	To ensure accuracy within quality plan requirements	a) On installation ^a , b) every year and c) in case of doubt.
3	Flow meters	Comparison of the actual amount with the metered amount by reconciliation	To ensure accuracy within quality plan requirements	a) On installation ^a , b) annually and c) in case of doubt.
4	Batching system (on batch plants)	Comparison of actual mass of constituents in the batch with the intended mass using the method prescribed in the quality plan	To ascertain the batching accuracy in accordance with the quality plan	a) On installation ^a , b) annually and c)in case of doubt.
5	Proportioning system (on continuous plants)	Comparison of actual mass in a measured period of time with the intended mass using the method prescribed in the quality plan	To ascertain the accuracy in accordance with the quality plan	a) On installation ^a , b) annually and c) in case of doubt.
6	Temperature, monitoring equipment	Visual as described in procedures	To ascertain the equipment is functioning correctly	Daily.
		Test of accuracy as described in procedures.	To ensure correct temperatures are recorded	a) On installation ^a , b) every year and c) in case of doubt.
NOTE 'In case of doubt' refers to the reasonable judgement of an experienced plant operator.				
^a Or after comprehensive repair.				

EN 13108-21:2006/AC:2008 (E)

Change column 3 of Table 3 as follows:

Table 3 — Minimum inspection and test frequencies for aggregates ^a

Column	1	2	3
Line	Inspection/Test	Purpose	Frequency
1	Tests for intrinsic properties of aggregate (strength etc.)	To check suitability for intended use	Source approval before initial use. Updated in accordance with EN 13043.
2	Inspection of delivery ticket ^b	To check consignment is as ordered and from correct source	Each delivery.
3	Organoleptic check of stockpile ^b	For comparison with normal appearance with respect to source, grading, shape and impurities	Daily.
4	By sieve analysis	To assess compliance with standard or other agreed grading	a) First delivery from new source, b) in case of doubt following organoleptic check and c) 1 per 2 000 t.
5	Shape, crushed particle index, etc	To assess compliance with standard or other agreed specification	a) First delivery from new source, b) in case of doubt and c) as indicated in quality plan.
6	Moisture content	Process control	As indicated in the quality plan.

^a This table may include the results of tests and inspections by the supplier as part of his Factory Production Control (see 6.2).

^b These requirements will not apply in the case of direct supplies from an aggregate production unit to an asphalt plant on the same site.

Change column 3 of Table 4 as follows:

Table 4 — Minimum inspection and test frequencies for filler ^a

Column	1	2	3
Line	Inspection/test	Purpose	Frequency
1	Tests for intrinsic properties of filler (bulk density, stiffening properties etc.)	To check suitability for intended use	Supplier approval before initial use. Updated in accordance with EN 13043.
2	Inspection of delivery ticket	To check consignment is as ordered and from the correct source	Each delivery.
3	Sieve analysis	To check compliance with standard or other agreed grading	a) First delivery from new source and b) as indicated in the quality plan.

^a This table may include the results of tests and inspections by the supplier as part of his Factory Production Control.

Change column 3 of Table 5 as follows:

Table 5 — Minimum inspection and test frequencies for binders ^a

Column	1	2	3
Line	Inspection/test	Purpose	Frequency
1	Intrinsic properties of binder	To confirm characteristics of product and compliance with appropriate specification	Source approval before initial use. Updated in accordance with EN 12591.
2	Inspection of delivery ticket	To check consignment is as ordered and from the correct source	Each delivery.
3	Temperature	To check that binder is with permitted temperature limits	Each delivery.
4	Grade properties (penetration, softening point or viscosity)	To assess compliance with specification	1 per 300 t.
5	Organoleptic check (by sample or tank inspection)	For comparison with normal perceptible properties	Each delivery or daily in tanks.
^a This table may include the results of tests and inspections by the supplier as part of his Factory Production Control.			

Change column 3 of Table 6 as follows:

Table 6 — Minimum inspection and test frequencies for additives ^a

Column	1	2	3
Line	Inspection/test	Purpose	Frequency
1	Appropriate tests to determine intrinsic properties	To confirm characteristics of product or check compliance with specification	a) Source approval prior to initial use and b) as stated in the quality plan.
2	Inspection of delivery ticket	To check that consignment is as ordered and from the correct source	Each delivery.
3	Organoleptic check of consignment	For comparison with normal appearance	Each delivery, if practicable; otherwise in accordance with quality plan.
^a This table may include the results of tests and inspections by the supplier as part of his Factory Production Control.			

EN 13108-21:2006/AC:2008 (E)

Change column 3 of Table 7 as follows:

Table 7 — Minimum inspection and test frequencies for reclaimed asphalt ^a

Column	1	2	3
Line	Inspection/test	Purpose	Frequency
1	Organoleptic check	To enable separation by type, screening for harmful or detrimental components	On receipt of each consignment (In case of doubt, e.g. tar content additional testing required).
2	Classification of recovered aggregate (visual check for angularity, petrological type etc.)	To assess suitability for use in various mixtures	1 per 1 000 t.
3	Moisture content	Process control	As indicated by the quality plan.

^a The overall sampling and test frequencies for reclaimed asphalt are those from EN 13108-8 applicable to the feedstock. The tests in this table represent only in process inspections of consistency.

Change column 3 of Table 8 as follows:

Table 8 — Minimum inspection/test frequencies for delivered product

Column	1	2	3
Line	Inspection/test	Purpose	Frequency
1	Organoleptic check on mixed asphalt	For comparison with normal appearance with respect to grading, evenness of mixing and adequacy of coating	Every load.
2	Temperature	To ensure material conforms with specification or other requirements	a) As required under 5.3 and b) whenever samples are taken.
3	Grading and binder content	To ensure material conforms to specification	See Annex A.
4	Other characteristics included in technical specifications	To assess conformity	As detailed in quality plan See Annex D.
5	Suitability of delivery vehicles by visual assessment	To check adequacy of insulation	Prior to first use ^a and in case of doubt.
6	Cleanliness of delivery vehicles by visual assessment	To avoid contamination	Every load prior to loading ^a .

^a See 5.4.

6.3, Table 8

In line 4, column 3: replace "Annex B" with "Annex D".