



भारतीय विमानपत्तन प्राधिकरण  
संरचना विभाग  
AIRPORTS AUTHORITY OF INDIA  
DEPARTMENT OF STRUCTURE

संख्या: एएआई/संरचना/आर एन्ड डी लैब/105/2018/ 1567

13 जुलाई, 2018

To  
The Sr. Manager-Regulatory Affairs  
M/s ITS Coatings Pvt. Ltd.  
10-11, Creative Estate  
N. M. Joshi Marg  
Lower Parel (E)  
Mumbai - 400011

Kind Attn: Ms. Deepali Nikam

**विषय: Testing of Airport Marking Paint samples.**

- संदर्भ: i) Your letter No. Nil dt. 12.07.2018  
ii) AAI/Str/R&D Lab/105/2017/888 dt. 20/23.04.2018

महोदय,

Reference is made to your letter dated 12.07.2018 on the subject matter. This is to state that samples of shade White (Batch no. PWBP-WH-07-0318), Golden Yellow (Batch no. PWBP-GYE-10-0318), Black (Batch no. PWBP-BL-09-0318) each, sent to this office were tested at AAI R&D Laboratory, New Delhi and the test samples are satisfying the AAI specifications for runway marking paint.

The letter is being issued on specific request by M/s ITS Coatings Pvt. Ltd.

भवदीय,  
21/7/2018  
(एस घोष)

सहायक महाप्रबन्धक ईजी (संरचना)/  
AGM Engg(Str.)

**Airports Authority of India**  
**Department of Structure**  
**(Research & Development Laboratory)**


**Sub: Testing of Paint samples**  
 Ref: NIL dt: 03.04.2018  
 Agency: M/s ITS Coatings Pvt. Ltd.  
 Shade: **White**

S.No	Description	Sample-1 (Batch No. PWBP-WH-07-0318)	Limits as per AAI specification
1	<b>Gloss -</b>		
	Before Wear	5	5 (maximum)
	After Wear (400 revolutions)	4	4 (Minimum)
2	<b>Opacity -</b>		
	Before Wear	85	75 - 85%
	After Wear (400 revolutions)	78	Drop by 10% (maximum)
3	Drying time: (minutes)	<10 min	10 minutes (Maximum)
4	Residue on 63 Micron Sieve	0.05%	0.3% (maximum)
5	Area coverage on standard plate	4.22 sqm/lt.	3.60 sqm/lt. (minimum)
	<b>Old surface</b>	11.50 sqm/lt.	9.50 sqm/lt. (minimum)
6	<b>Consistency</b> , measured as flow time when tested with standard flow cup at 30 C (±) / 2 C Temperature	Flow (without water) 180 sec; 60 sec. (after addition of 40 ml water)	60 seconds (minimum)

Note:

- i) The results refer only to sample tested and applicable parameters.
- ii) The sample was sent by Sr. Manager-Regulatory Affairs, M/s ITS Coatings Pvt. Ltd.
- iii) Discrepancy, if any, shall be reported immediately to this office.
- iv) This report is being issued on the specific understanding that this office will not anyway be involved in any action following the interpretation of the results.

  
 (S. Ghosh)  
 AGM Engg(Str.)

  
 (R.K. Pai)  
 Assit. Manager (Lab)

**Airports Authority of India**  
**Department of Structure**  
**(Research & Development Laboratory)**

**Sub: Testing of Paint samples**  
 Ref: NIL dt: 03.04.2018  
 Agency: M/s ITS Coatings Pvt. Ltd.  
 Shade: Golden Yellow

S.No	Description	Sample-1 (Batch No. PWBP-GYE/ Limits as per AAI specification 10-0318)	Limits as per AAI specification
1	Gloss - Before Wear After Wear (400 revolutions)		4 (maximum) 3 (Minimum)
2	Opacity - Before Wear After Wear (400 revolutions)		55 - 65% 57 52
3	Drying time (minutes)		Drop by 10% (maximum) 10 minutes (Maximum) 0.3% (maximum)
4	Residue on 63 Micron Sieve Area coverage on standard plate (New Surface)		0.04% 4.17 sqm/lt. 3.60 sqm/lt. (minimum)
	Old surface		12.15 sqm/lt. 9.50 sqm/lt. (minimum)
6	Consistency, measured as flow time when tested with standard flow cup at 30 C (±) / 2 C Temperature	Flow (without water) 180 sec; 40 sec. (after addition of 40 ml water)	40 seconds (minimum)

**Note:**

- i) The results refer only to sample tested and applicable parameters.
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- iii) Discrepancy, if any, shall be reported immediately to this office.
- iv) This report is being issued on the specific understanding that this office will not anyway be involved in any action following the interpretation of the results.

(S. Ghosh)  
 AGM Engrg(Str.)

(R.K. Pal)  
 Asstt. Manager (Lab)

**Airports Authority of India**  
**Department of Structure**  
**(Research & Development Laboratory)**

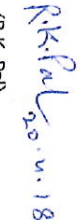
**Sub: Testing of Paint samples**  
 Ref: NIL dt: 03.04.2018  
 Agency: M/s ITS Coatings Pvt. Ltd.  
 Shade: **Black**

S.No	Description	Sample-1 (Batch No. PWBP-BL-09-0318)	Limits as per AAI specification
1	<b>Gloss -</b>		
	Before Wear	Negligible	Negligible
	After Wear (400 revolutions)	----	----
2	<b>Opacity -</b>		
	Before Wear	Opaque	Opaque
	After Wear (400 revolutions)	----	----
3	Drying time (minutes)	<10 min	<10 min
4	Residue on 63 Micron Sieve	0.05%	0.10 - 0.30% (maximum)
5	Area coverage on standard plate	5.09 sqm/lt.	5.0 sqm/lt. (minimum)
	<b>Old surface</b>		
		11.57 sqm/lt.	10.50 sqm/lt. (minimum)
6	<b>Density</b>		
		1.40 gm/cc	1.40 - 1.45 gm/cc

**Note:**

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 (S. Ghosh)  
 AGM Enng(Str.)

  
 (R.K. Pal)  
 Asstt. Manager (Lab)