



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

संख्या: एएआई/संरचना/आर एन्ड डी लैब/105/2017/243

23 फरवरी, 2017

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

Kind Attn: Ms. Pooja Gehlot

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

- संदर्भ: i) Your letter No. Nil dt. 19.01.2017
ii) AAI/Str/R&D Lab/105/2017/178 dt. 07.02.2017

महोदय,

This is to state that 03 (three) nos. samples of shade White (Batch no. PWBP-WH-07-1216), Black (Batch no. PWBP-BL-03-1216) and Golden Yellow (Batch no. PWBP-GYE-06-1216) each, sent by your company have been tested at AAI R&D Laboratory, New Delhi and the test samples are satisfying the AAI specifications for runway marking paint.

The letter is issued on specific request of the agency.

भवदीय,
23/2/2017
(एस घोष)
वरिष्ठ प्रबन्धक ईजी (संरचना)

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

Sub: Testing of Paint samples
Ref: NIL dt. 19.01.2017
Agency: M/s ITS Coatings Pvt. Ltd.
Shade: White

S.No	Description	Sample-1 (Batch No. PWB-P-WH-07-1216)	Limits as per AAI specification
1	Gloss -		
	Before Wear	5	5 (maximum)
	After Wear (400 revolutions)	4	4 (Minimum)
2	Opacity -		
	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 (New Surface)	3.77 sqm/lit.	3.60 sqm/lit. (minimum)
	Old surface	10.28 sqm/lit.	9.50 sqm/lit. (minimum)
6	Consistency , measured as flow time when tested with standard flow cup at 30 C (+/-) 2 C Temperature	Flow (without water) 90 sec; 60 sec. (after addition of 20 ml water)	60 seconds (minimum)

Note:

- i) The results refer only to sample tested and applicable parameters.
- ii) The sample was sent by Manager-Business Development, 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.

(Arunak Malhotra)
Supervisor(Lab)-SG

07/02/17

(S. Ghosh)
SM Engg(Str.)

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

07-02-17

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

(2)

Sub: Testing of Paint samples
Ref: NIL dt. 19.01.2017
Agency: M/s ITS Coatings Pvt. Ltd.
Shade: Golden Yellow

S.No	Description	Sample-1 (Batch No. PWBP-GYE 06-1216)	Limits as per AAI specification
1	Gloss -		
	Before Wear		4 (maximum)
	After Wear (400 revolutions)		3 (Minimum)
2	Opacity -		
	Before Wear		55 - 65%
	After Wear (400 revolutions)		Drop by 10% (maximum)
3	Drying time (minutes)	<10 min	10 minutes (Maximum)
4	Residue on 63 Micron Sieve	0.04%	0.3% (maximum)
5	Area coverage on standard plate (New Surface)		
	Old surface	3.85 sqm/lit.	3.60 sqm/lit. (minimum)
6	Consistency, measured as flow time when tested with standard flow cup at 30 C (±) / 2 C Temperature	11.17 sqm/lit.	9.50 sqm/lit. (minimum)
		Flow (without water) 90 sec; 40 sec. (after addition of 20 ml water)	40 seconds (minimum)

Note:

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- 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.


 (Atun K. Mathotra)
 Supervisor (Lab)-SG
 07/02/17


 (S. Ghosh)
 SM Engg(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. 19.01.2017
Agency: M/s ITS Coatings Pvt. Ltd.
Shade: Black

S.No	Description	Sample-1 (Batch No. PWB-P-03-1216)	Limits as per AAI specification
1	Gloss -		
	Before Wear		
2	After Wear (400 revolutions)	Negligible	Negligible
	Opacity -	----	----
3	Before Wear		
	After Wear (400 revolutions)	Opaque	Opaque
3	Drying time (minutes)	----	----
4	Residue on 63 Micron Sieve	<10 min	<10 min
5	Area coverage on standard plate (New Surface)	0.10%	0.10 - 0.30% (maximum)
	Old surface	5.17 sqm/lt.	5.0 sqm/lt. (minimum)
6	Density	12.21 sqm/lt.	10.50 sqm/lt. (minimum)
		1.40 gm/cc	1.40 - 1.45 gm/cc

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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.


 (Arun K. Malhotra)
 Supervisor (Lab)-SG
 07/02/17


 (S. Ghosh)
 SM Engg (Str.)
 17/2/2017


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