



भारतीय प्रौद्योगिकी संस्थान दिल्ली
INDIAN INSTITUTE OF TECHNOLOGY DELHI

Department of Materials Science & Engineering

Hauz Khas, New Delhi-110016, India

Tel : +91-11-2659 1246

Fax : +91-11-2659 1421

E-mail : jayant@iitd.ac.in

August 25, 2021

Dr. Jayant Jain

Associate Professor

Ms. Meenakshi Yadav
Alstone International
15th floor, Vijaya Building, 17,
Barakhamba Road, New Delhi - 110001

Your Ref. No: Your letter dated 27/08/2020

Our Ref. No.: FT/03/2053/2020/10

Subject: Testing and investigation of Aluminium Composite Materials properties as per ASTM standards specified under ACM specification of IOCL.

Dear Sir,

We have received ACM panel samples of M/s Alstone International, of colours Silver Grey IC, IOC Blue, White Pantone warm grey, IOC Orange, Wash Coil, and ACM Aluminium and Bottom sheets in proper condition bearing authorized signatures on them, for investigating their properties in accordance with ASTM standards specified under ACM specification of IOCL.

Sample bearing authorised signature of representatives of respective companies found as follows:

M/s IOCL	M/s ALSTONE	M/s RITES LTD
Mr. Vinod Phonia	Mr. Ravi Kishore Mr. Pankaj Sharma Mr. RS Khanka	Mr Pavan Kumar Singh

Details of samples received at our end such as Ref. no., Color and size are as following:

S. No.	Colour Name	Panel Size (Feet)	Quantity	Ref. for testing as mentioned in specification of ACM of IOCL	Ref. no. of Sample
1	Silver Grey IC	1x1	1	Para 2, 3, 4 and 5	AI/001
		2x2	1	(Alucobond colour Ref.)	
2	IOC Blue- Pantone 2757C	1x1	1	Para 2, 3, 4 and 5	AI/002
		2x2	1	(Pantone 2757 C / Alucobond colour Ref.)	
3	White Pantone Warm Grey IC	1x1	1	Para 2, 3, 4 and 5	AI/003
		2x2	1	(Pantone / Alucobond "Warm Grey")	
4	IOC Orange- Pantone 1655C	1x1	1	Para 2, 3, 4 and 5	AI/004
		2x2	1	(Pantone 1655 C / Alucobond colour Ref.)	
5	Top Coil	1x1	1	Para 2, 3 and 5 (As per specification for front)	AI/005
		2x2	1		
6	Bottom	1x1	1	Para 2, 3 and 5 (As per specification for reverse)	AI/006
		2x2	1		
7	Wash Coil	1x1	1	Para 2, 3, 4 and 5	AI/007
		2x2	1		

Testing shall be carried out on the above received samples as per ASTM standards/specification of IOCL.

(Dr. Jayant Jain)

(Dr. Suresh Neelakantan)

(Dr. Nitya Nand Goswami)

Dr. Jayant Jain
Associate Professor
Department of Material Science & Engineering
Indian Institute of Technology Delhi

Dr. Suresh Neelakantan
Assistant Professor
Department of Material Science & Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016, INDIA

Dr. Nitya Nand Goswami
Assistant Professor
Department of Materials Science & Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016