



TC-7970



Test Report

Report No :TUV(I)/214/19-20/9051910248

ULR-TC797019000001857F

Date : 17 May 2019

TUV India Pvt. Ltd.

A Member of TUV NORD Group

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Bangalore - 560 010

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website : www.tuv-nord.com/www.tuvindia.co.in

Name and address of customer

:

SUDHAKAR IRRIGATION SYSTEMS PVT LTD, UNIT - III
SYNO.512/1 522/2A 1005/2 YEGUVARAJPALEM (V)
ODUR REVENUE, CHILLAKUR (M),
SPSR NELLORE (DT) - 524410
ANDRA PRADESH

Name of the sample

:

Casement sash

Lab sample Id No.

:

9051910248

Batch No./ Code no.

:

30818

Objectives Of Examination

:

To test for compliance with Commission Delegated Directive of EU/65/2011
Restriction of the use of Hazardous Substances (ROHS) Directive in electrical and
electronic equipment.

Regulation Requirement

:

As per Commission EU/65/2011 Restriction of the use of Hazardous Substances
(ROHS) Directive.

Description of sample

:

Sample '**Casement sash**' received for analysis of Cadmium, Hexavalent
Chromium, Lead, Mercury, Polybrominated Biphenyls & Polybrominated
Diphenyl Ethers Enclosure-Sample Images

Date of sample receipt

:

08/05/2019

Date(s) of analysis

:

09 May 2019 to 17 May 2019

Sample drawn by

:

Customer

Conclusion	Given Sample Complies with Commission Regulation (EU) No 65/2011 on the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment for above tested parameters.
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Sr. No.	Name of Analyte	Result	Unit	Detection Limit	Limits as per RoHS Directive	Test Method
1	Cadmium (Cd)	Not Detected	mg/kg	10	Max 100	Based on IEC 62321 : 2013 & Committee Draft 111/307 & 309/RVD
2	Lead (Pb)	Not Detected	mg/kg		Max 1000	
3	Mercury (Hg)	Not Detected	mg/kg		Max 1000	
4	Hexavalent Chromium [Cr(VI)]	Not Detected	mg/kg		Max 1000	
5	Polybrominated Biphenyls [PBB's]					
	Mono-Bromobiphenyl	Not Detected	mg/kg	10	Max 1000	Based on IEC 62321 : 2015 & Committee Draft 111/379/RVD
	Di-Bromobiphenyl	Not Detected				
	Tri-Bromobiphenyl	Not Detected				
	Tetra-Bromobiphenyl	Not Detected				
	Penta-Bromobiphenyl	Not Detected				
	Hexa-Bromobiphenyl	Not Detected				
	Hepta-Bromobiphenyl	Not Detected				
	Octa-Bromobiphenyl	Not Detected				
	Decabromobiphenyl	Not Detected				
6	Polybrominated Diphenyl Ethers [PBDE's]					
	Mono-Bromodiphenyl Ether	Not Detected	mg/kg	10	Max 1000	Based on IEC 62321 : 2015 & Committee Draft 111/379/RVD
	Di-Bromodiphenyl Ether	Not Detected				
	Tri-Bromodiphenyl Ether	Not Detected				
	Tetra-Bromodiphenyl Ether	Not Detected				
	Penta-Bromodiphenyl Ether	Not Detected				
	Hexa-Bromodiphenyl Ether	Not Detected				
	Hepta-Bromodiphenyl Ether	Not Detected				
	Octa-Bromodiphenyl Ether	Not Detected				
	Nona-Bromodiphenyl Ether	Not Detected				
	Decabromodiphenyl Ether	Not Detected				
Note : Limits are as per Commission Delegated of EU/65/2011 Restriction of the use of Hazardous Substances (ROHS) Directive.						



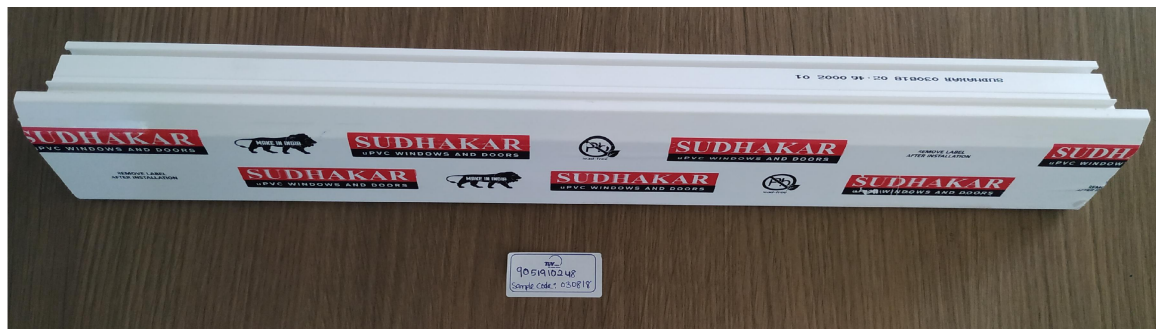
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Sample image is authentic only for the original Test Report

Verified By

Authorized by

Raghuram Semmalai
Sr. Laboratory Analyst

Y R, Sathishkumar
Sr. Laboratory Analyst

1. Test Results are based on & related only to the particular sample(s) tested.
2. This Report cannot be re-produced, except when in full, without the written permission from TUV India Pvt. Ltd., Laboratory Division.
3. This Certificate reflects our findings at the time and place of testing.
4. Sample(s) will be retained by us for a period of one month for non-perishable items only. Perishable items will be destroyed after completion of tests.
5. This Report, in full or in part, shall not be used to make any misleading claims or for any legal purposes.
6. All terms and conditions of our quotation on the basis of which this testing service has been provided are deemed to be fully accepted by the customer and are deemed to be in full force and effect.
7. This Report is exclusively for the use of the customer whose name and address is indicated above. No third party can derive rights against the company on the basis of this report. No third party has any right to raise any claims on the company.
8. For Biological and mycotoxin Analysis: Our analytical findings reflect the quality of the sample at the time of testing. No responsibility can be accepted for the possible consequences of further development of micro-organisms or mycotoxin which may depend upon storage, handling & weather conditions which may influence the results at a later date/time respectively.
9. The laboratory tests are conducted by TUV India as per mutual agreement without any implied warranty of merchantability and fitness for any general or particular use. TUV India will not be liable for any claims for indirect, incidental or consequential damages including but not limited to loss of revenue, loss of profits and similar claims. TUV India will also not be liable under any strict liability, product liability or negligence. The total liability, scientifically and legally proven, if any, of TUV India, in any case, shall not exceed the invoiced amount for the services provided and paid for.

End of Report

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