



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE

000256029

Issued to :

DESICCANT ROTORS INTERNATIONAL

100-101,

UDYOG VIHAR

PHASE- IV

GURGAON - 122015, HARYANA

Kind Attn: MR. ANIL KUMAR CHOUDHARY , AVP- (R&D)

Sample Particulars :

One sample of Laminated sheet of Humidity exchanger/ Eco Dry Rotor was received.

"The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in test certificate are based on declaration by the party."

J.O.No. 208-111-1510
Reg.No. 1334891
Date 20-10-2012
GC-01 (REV-04)
Your Ref.No. -

Date 22.08.2012

TEST RESULTS

Test Methods/Protocol:-

As per guidelines of DIN EN ISO 846-1997

Test Fungi used:-

Aspergillus niger

ATCC-9642

Penicillium funiculosum

ATCC-11797

Aureobasidium pullulans

ATCC-9348

Chaetomium globosum

ATCC-6205

Test Bacteria used:-

Pseudomonas aeruginosa

ATCC-25668

Test conditions :-

Incubation temperature

Fungus: 25°C , Bacteria: 30°C

Relative humidity

Fungus: 90 % , Bacteria: 90 %

Incubation period

4 weeks

Microbicidal Solutions used:-

Ethanol-water mixture (70:30)

o-phenylphenol

Visual Assessment:-

Assessment of fungal and bacterial growth on the specimen by visual examination

Test Specimen	Laminated sheet of Humidity exchanger/ Eco Dry Rotor	
	Intensity of growth	Assessment of test material
Observation for fungal growth	Rating 0 (No growth apparent under microscope)	Test material is not a nutritive medium for fungi (it is inert or fungistatic)
Observation for bacterial growth	No bacterial growth was observed	Test material is not a nutritive medium for bacteria. (it is inert or Bacteristatic)

Interpretation of Result: As no fungal and bacterial growth was observed on the test specimen, Laminated sheet of Humidity exchanger/Eco Dry Rotor is resistant to attack by the microorganisms employed in the test; hence sample passes the test.

DOR: 22-08-2012

DOC: 19-10-2012

AUTHORISED SIGNATORY
(EMPLOYEE CODE: 6000)