

TEST REPORT

CIN - U74990MH2010PTC201958

Issued To: **RAMCO INDUSTRIES LIMITED (TAMIL NADU)** Report No.: 161116008/1611160016 Dated: 30-Nov-2016
ARAKKONAM (VELLORE DISTRICT)
TAMIL NADU,
 WINTERPET (P.O.)-631005
 Kind Attn.: MR.S DESHPANDE
 Tel/Fax :9952433282
 Sample Description: **HICEM-FLEXO**
 Customer Ref. No: MAIL DT.:09.11.16
 DOB : 16-Nov-2016

ID-1611160016

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Scope of Study:

Presence of Asbestos in the given sample using XRD technique.

Sample Description:

HICEM-FLEXO

Methodology Adopted:

X-Ray Diffraction (XRD)

Instrumentation:

XRD-RIGAKU Miniflex

Source: Copper Source

Scanning Range: 3° to 145° (2θ)

Analysis Method:

Fine powder was prepared from the given sample and filled in the holder. It was then placed in the sample compartment of the instrument and analyzed under scanning range from 3° -80°.

The powder sample was poured into the sample holder and analyzed through XRD technique.

Spectral Interpretation:

No peaks detected in the given sample at the angle (2θ) for the following asbestos minerals.

Asbestos Mineral	Angle (2θ)	Observation
Chrysotile	12.08	Peak Absent
Anthophyllite	29.32	Peak Absent
Actinolite	33.06	Peak Absent
Antigorite	35.21	Peak Absent

CCREQD11FA0001A18320

Analyst

Authorised Signatory

TR 22514

ISO 9001:2008 Certified Laboratory

Subject to Terms & Conditions Overleaf.

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ARAKKONAM (VELLORE DISTRICT)
TAMIL NADU,
WINTERPET (P.O.)-631006
 Kind Attn : **MR.S DESHPANDE** Sample Description : **HICEM-FLEXO** DOB : 16-Nov-2016
 Tel/Fax : 9952433282 Customer Ref. No-MAIL DT:09.11.16

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The given sample of HICEM-FLEXO is free from Chrysotile, Anthophyllite, Actinolite & Antigorite Asbestos.

Spectra obtained is attached herewith.

Raw Data, Smoothing, Background subtraction, and derivative

Sample Name	QNT. No. / ID	TA	QNT. No. / ID	TA	QNT. No. / ID	TA
Sample	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Operator	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Method	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
File	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Detector	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Filter	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Excitation	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Fluorescence	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Wavelength	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Slit Width	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Integration	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016
Smoothing	1611160016	1611160016	1611160016	1611160016	1611160016	1611160016



CCREQD/2/RA000VA18320

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 TAMIL NADU, WINTERPET (P.O.)-631005 Sample Description : RICEM-FLEXO
 Kind Attn : MR.S DESHPANDE Customer Ref. No. MAIL DT..09.11.16
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Note: Sample tested at our Principal lab.

*****END OF REPORT*****

CCREQD12IRA000VA18320

Analyst

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