



Project: —

Client: **Foamtech Antifire Company, New Delhi**

Office: **Hardwar**

Client's Order Number: **Request For Services signed dated 06 January 2014**

Date: **16 January 2014**

Order Status: **Complete**

Inspection Dates

First: **06 January 2014**

Final: **15 January 2014**

This certificate is issued to **Foamtech Antifire Company, New Delhi**, to certify that the undersigned Surveyor to Lloyd's Register Asia attended their Sidcul works at Hardwar on and between the aforementioned dates for the purpose of inspection of the undernoted item

Item No.	Item Description	Batch No.	Quantity as declared by manufacturer	No. of 200L HDPE Drums
SOS-FOM00002	High Expansion Foam (Foamer Brand) conforming to ISO 7203-2, EN 1568-2, IMO/MSC/CIRC.670 & JCDD/28	HX/EN/ISO/03/01/12/13	22,500 Ltrs	113 Nos.

SCOPE OF INSPECTION:

1. Selected samples as per IS 4989: 2006.
2. Witnessed the following relevant tests on selected samples as per above specifications and approved technical data sheet requirements:
 - pH measurement.
 - Specific Gravity test.
 - Miscibility with salt water and DM water.
 - Viscosity test.
 - Sediment test.
 - Pour point test.
 - Surface tension, Interfacial tension and spreading coefficient.
 - Freezing and Thawing test.
 - Expansion tests and 50% Drainage Time test.
 - Test Fire performance tests.
 - Cloud point and Flash point tests.
 - Drum Characteristics tests including Mass, Closure Leakage test, Drop test, Filling orifice, Colour and Capacity as per IS 7959.
3. Reviewed and endorsed manufacturer's test certificate no. FT/HX/01 dated 14 January 2014 (Annexure I – Annexure V).

IDENTIFICATION:

For identification, each Drum was stamped as "GS" on lead tag and those used for testing stamped as "GS GS" on the lead tag, in addition to manufacturers marking on the container.

CONCLUSION:

On the basis of the scope of inspection undertaken, the above item is considered to comply with the purchase order requirements.



GAGANDEEP SINGH
Surveyor to Lloyd's Register Asia

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