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RE-EXAMINATION REPORT

Project No: 3061843
Supplements Project No.: 3048177
Class: 6050
Product Name: Re-Examination of Steel Storage Cabinets
Product Type: Steel Storage Cabinets for Ignitable (Flammable) Liquids
Name of Listing Company: Shanghai Sysbel Industry & Technology Co Ltd
Address of Listing Company: No 1000 Jinhai Rd
Bld 26 Fl 6A City of Elite
Pudong New District Shanghai 200120
China
Customer ID: 129602-1
Customer website: www.sysbel.com

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6/28/19

Date of Approval

1 INTRODUCTION

1.1 Shanghai Sysbel Industry & Technology Co. Ltd. requested compliance re-examination of their steel storage cabinets listed in Section 1.4 to determine if it meets the Approval requirements of the standard listed in Section 1.3.

1.2 This report may be freely reproduced only in its entirety and without modification.

1.3 Standard

| Title | Number | Issue Date |
|--|--------|------------|
| Approval Standard for Storage Cabinets for Ignitable (Flammable) Liquids | 6050 | Dec. 2016 |

1.4 Listing

All products are Approved as described in Approval Guide. Formulations, drawings, and specifications are on file at FM Approvals.

2 DESCRIPTION

All products are Approved as described in Approval Guide.

3 EXAMINATIONS AND TESTS

3.1 Samples were submitted for re-examination and testing. The samples were considered to be representative of standard production and were examined or tested as indicated below. All data is on file at FM Approvals along with other documents and correspondence applicable to this program.

3.2 All testing and analysis considered appropriate was conducted and verified to be in compliance with the Standards defined in Section 1.3.

3.3 Several performance requirements and tests required by the Standard have been waived due to previous successful testing. See Table 1 below for details.

Table 1

| Standard Number | Section | Test Name | Justification/ Comments |
|-----------------|---------|---|-------------------------|
| 6050 | 4.1 | Loading | 3048177 |
| 6050 | 4.2 | Fire Exposure | 3048177 |
| 6050 | 4.3 | Flame Arrester | Included |
| 6050 | 4.4 | Self-closing/Latching | 3048177 |
| 6050 | 4.5 | Release Operating Temp. | 3048177 |
| 6050 | 4.6 | Spill Containment | 3048177 |
| 6050 | 4.7 | Fire exposure-Self Closing Doors | Included |
| 6050 | 4.8 | Performance Requirements per EN14470 Standard | Not required |

4 MARKING

4.1 Marking on the product shall include the following information:

4.1.1 Name and address of the manufacturer or marking traceable to the manufacturer;

4.1.2 Date of manufacture or code traceable to date of manufacture or lot identification;

4.1.3 Model number, size, rating, capacity, etc., as appropriate.

4.1.4 When hazard warnings are needed, the markings should be universally recognizable.

4.2 The model or type identification shall correspond with the manufacturer's catalog designation and shall uniquely identify the product as FM Approved. The manufacturer shall not place this model or type identification on any other product unless covered by a separate agreement.

4.3 The Approval Mark shall be displayed visibly and permanently on the product and in accordance with the FM Approvals Certification Mark Usage Guidelines. The manufacturer shall not use this Mark on any other product unless such product is covered by a separate report.

4.3.1 Cabinets shall be labeled with the conspicuous legend: FLAMMABLES – KEEP FIRE AWAY.

4.4 All markings shall be legible and durable.

5 REMARKS

5.1 Continued Approval is based upon fabrication and construction of steel storage cabinets in accordance with this Approval Report, satisfactory field experience and continued use of acceptable quality control procedures as determined by Surveillance Audits.

5.2 Additional guidance for the use of steel storage cabinets is outlined in FM Global Property Loss Prevention Data Sheets 7-32, Ignitable Liquid Operations.

6 SURVEILLANCE AUDIT

The manufacturing facilities at the following locations shall be visited on a routine basis. The facility processes and quality control procedures in place have been determined to be satisfactory to manufacture products identical to that tested and Approved. An FM Approved Products/Specification Tested Revision Request Form shall be submitted to FM Approvals for requesting to manufacture products at any additional or alternate manufacturing facilities which are not listed below.

Audit Locations

Shanghai VEI Electric Co. Ltd.
458 Fengcun Rd., Qingcun Town
Fengxian, Shanghai, China

Shanghai Sysbel Industry & Technology Co. Ltd.
Bld. 26, Fl 6A,
City of Elite
No. 1000 Jinhai Rd. Pudong New District
Shanghai, 200120 China

7 MANUFACTURER'S RESPONSIBILITIES

- 7.1 Documentation that is applicable to this approval is on file at FM Approvals and listed in the Documentation File, Section 8, of this report. No changes of any nature shall be made unless notice of the proposed change has been given and written authorization obtained from FM Approvals. The FM Approved Products/Specification Tested Revision Request Form shall be forwarded to FM Approvals as notice of proposed changes.
- 7.2 When a steel storage cabinet is to be installed for an FM Global insured, the manufacturer shall forward all submittals required by this Approval Report to the appropriate FM Global Operations Center for review and acceptance.
- 7.3 The manufacturer shall supply all instructions, materials, equipment, and assistance necessary for the complete, proper and satisfactory installation of the steel storage cabinets. Complete installation drawings shall be furnished and shall pertain to the specific cabinet being supplied.
- 7.4 In accordance with the Master Agreement, the manufacturer shall make full and immediate disclosure to FM Approvals of all information concerning any defect in, or potential hazard of, the product or service manufactured or provided by the Customer which is Approved by, or being examined by, FM Approvals. The manufacturer shall make all necessary arrangements for the investigation of complaints / anomalies applicable to this approval and shall keep records of all complaints / anomalies including actions taken.

8 DOCUMENTATION

The following document describes the steel storage cabinets and is on file at FM Approvals.

| Document Title | Issue Date |
|---------------------------|------------|
| Surveillance Audit Manual | April 2019 |

9 CONCLUSION

The products described in section 1.4 meet FM Approvals requirements. Since a duly signed Master Agreement is on file for this manufacturer, Approval is effective the date of this report.

PROJECT DATA RECORD: 3061843

ATTACHMENTS: None