

Practice Note 1 - Requirements of Fire Resistance and/or Smoke Control Performance

Foreword

The intention of the PCCS-PFPP Issue 3 scheme is to provide basic guidelines for the Certification Bodies to provide product certification on the passive fire protection products for the Hong Kong Market. The fire resistance tests and the smoke control tests that stated in the scheme are consistent with the requirements in the Code of Practice for Fire Safety, 2011 issued by the Buildings Department. These two categories of tests (Fire resistance tests and Smoke Control tests) are stated for reference only, just in case, if a product may be required to meet just one of these two intended functions, or both of them.

Introduction

This practice note is intended to clarify the needs of the initial type testing for the fire resistance performance and the smoke control performance when a doorset to be certified requires the following choices:

Either

- (1) to demonstrate the fire resistance performance only; or
- (2) to demonstrate the smoke control performance only; or
- (3) to demonstrate both the fire resistance performance and smoke control performance.

Explanatory

For case (1), if a doorset is intended to perform the fire resistance function only, then practically, it will not be designed to meet the smoke control performance and therefore the doorset shall only subject to the applicable fire resistance test as stated under Table 2 of PCCS PFPP Issue 3.

For case (2), if a doorset is intended to perform the smoke control function only, then the doorset shall only be subjected to the applicable smoke control test as stated under Table 2 of PCCS PFPP Issue 3.

For case (3), if a doorset is intended to perform both the fire resistance and smoke control functions, then the doorset shall subject to both the applicable fire resistance test and smoke control test as stated under Table 2 of PCCS PFPP Issue 3.

Consequently, when a Certificate of Conformity is issued by a Certification Body, the approved function that can be performed by the doorset should be clearly stated in the Certificate of Conformity. For example, if a doorset is just subjected to the fire resistance test, it should be clearly stated in the certificate that this doorset will satisfy the fire resistance performance **ONLY**.

On Behalf of

Product Certification Group, Hong Kong Institute of Steel Construction

Initial Issue 1 September 2018