

**Table 10.28.: Acceptance Test for Stair Pressurization Systems**

ITEMS	REQUIREMENTS
<b>3. MAINTENANCE TEST SCHEDULE</b>	<b><u>1. WEEKLY TESTS</u></b>
	<ul style="list-style-type: none"> <li>i. The smoke Control Panel (SCP) shall be visually inspected for abnormal conditions, faults and availability of normal power.</li> <li>ii. Each week the pressure differential system shall be actuated. While the system is operating, checks shall be made that the fans are running satisfactorily and that all components essential to supply air to pressurized spaces, to control pressure differences and to achieve air velocities are working properly.</li> <li>iii. Each week the fuel level for the secondary power supply shall be checked so that there is sufficient fuel to run the generator for the required time, if the secondary power supply is a generator.</li> </ul>
	<b><u>2. MONTHLY TESTS</u></b>
	<ul style="list-style-type: none"> <li>i. In addition to Weekly tests, the following tests shall be conducted monthly. <ul style="list-style-type: none"> <li>a. A failure of the primary power supply shall be simulated and ensure that the system has switched automatically to the secondary power supply. If the secondary power supply is provided by a diesel generator it shall energize the system for a minimum of 1 hour.</li> <li>b. A zero airflow condition shall be simulated and checked that the stand-by fans are running if they are provided.</li> </ul> </li> </ul>
	<b><u>3. YEARLY TESTS</u></b>
	<ul style="list-style-type: none"> <li>i. Every 12 months, in addition to the manufacturer's recommendation and monthly tests, the entire pressurization system shall be tested by following the acceptance test procedures detailed in <b>Section 4</b>.</li> </ul>
	<b><u>4. MODIFICATIONS</u></b>
	<ul style="list-style-type: none"> <li>i. The entire pressurization system shall be re-tested in accordance with <b>Section 4</b>, following any modification to the building such as alterations to internal partitions, extensions and alterations to the pressurization system that could affect the pressurization system.</li> </ul>