SYNOPSIS OF IS/ISO 7240-25: 2010 'FIRE DETECTION AND ALARM SYSTEMS − PART 25: COMPONENTS USING RADIO TRANSMISSION PATHS'

This standard specifies the requirements, test methods and performance criteria for components used in fire detection and alarm systems, installed in and around buildings, which use radio-frequency (r.f.) transmission paths. It specifies requirements for the assessment of conformance of the components to the requirements of this part of IS/ISO 7240.

Where components work together and this requires knowledge of the system design, this part of IS/ISO 7240 also specifies requirements for the system.

When the fire detection and alarm system uses wired and r.f. transmission paths, the relevant parts of IS/ISO 7240 apply together with this part of IS/ISO 7240. Requirements relevant to wire transmission paths are superseded or modified by those included in this part of IS/ISO 7240.

This part of IS/ISO 7240 does not restrict

– the intended use of radio spectrum, e.g. frequency, power output of devices;

– the allowed maximum number of the components using r.f. transmission paths within the fire detection and alarm system or one wire transmission path and/or r.f. transmission path;

– the allowed maximum number of the components affected by loss of one wire transmission path and/or r.f. transmission path.

This Indian Standard is identical with ISO 7240–25: 2010 'Fire detection and alarm systems ─ Part 25: Components Using Radio Transmission Paths' issued by the International Organization for Standardization (ISO).