

**Personal Fall Arrest Systems — Specification**  
**Part 5 Connectors with Self-closing and Self-locking Gates**

Points to take note of while assessing a Personal Fall Arrest Systems especially of connectors with Self-closing and Self-locking Gates type are latch and gate strength, connector strength, product durability and information regarding application for which this product is supposed to be used.

The connectors with self-closing and self-locking gates remains a part of Personal Fall Arrest Systems (PFAS). These connectors are metallic devices used to physically link components or subsystems in a fall arrest system. They include gates designed to close and lock automatically to ensure safety during high-risk activities such as working at heights.

Indian Standard IS 3521 (Part 5) : 2021/ISO 10333-5 : 2001, developed by the Bureau of Indian Standards (BIS), outlines the requirements, test methods, instructions for use and maintenance, marking, labelling and packaging.

This standard ensures self-closing and self-locking gates connectors have appropriate strength and environmental resistance. Important Tests like gate-face resistance, gate side-load resistance, static strength, corrosion resistance ensure that connectors can perform as per declared parameters. This tests dramatically reduces failures in performance issues general faced during the lifetime of connectors.

Self-closing and self-locking gates connectors markings provide crucial information for selecting the right connectors. Some critical information shall be marked on the connectors such as how to use connectors, purpose and limitation of the product, compatible and non-compatible components of one and another system, storage, cleaning and maintenance instructions, factors that can cause the equipment to be discarded, minimum breaking strength.

In summary, IS 3521 (Part 5) : 2021/ISO 10333-5 : 2001 is your assurance that the Self-closing and self-locking gates connectors in your personal fall arrest system is reliable, durable, and of high quality. Next time you purchase personal fall arrest system, look for the BIS mark to ensure they meet these standards.