

## **IS 14483: Part1: 1997, Fertilizer and Chemical Injector System: Part1: Venturi Injector**

Fertilizer and Chemical Injector System: Part1: Venturi Injector, IS 14483: Part1: 1997 injects fertilizers and chemicals into irrigation systems for efficient crop nutrition. The system provides accurate dosing, is compatible with sprinkler and drip irrigation systems and crops.

The product is durable due to corrosion-resistant materials, and ensures safety by preventing over-dosing and chemical contamination. Using this system increases crop yield and quality, reduces fertilizer and chemical waste, improves water efficiency, and enhances soil health.

The standard covers the requirements of material, constructional requirements and tests like Resistance of Venturi injector to Internal Hydrostatic Pressure and performance parameters. The system consists of an injector unit, fertilizer tank, chemical tank, control panel, and tubing and fittings. The manufacturer shall supply the following information about the Venturi Injector: Name and address of manufacturer, Model and catalogue number of Venturi Injector, Venturi Injector performance data etc.

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