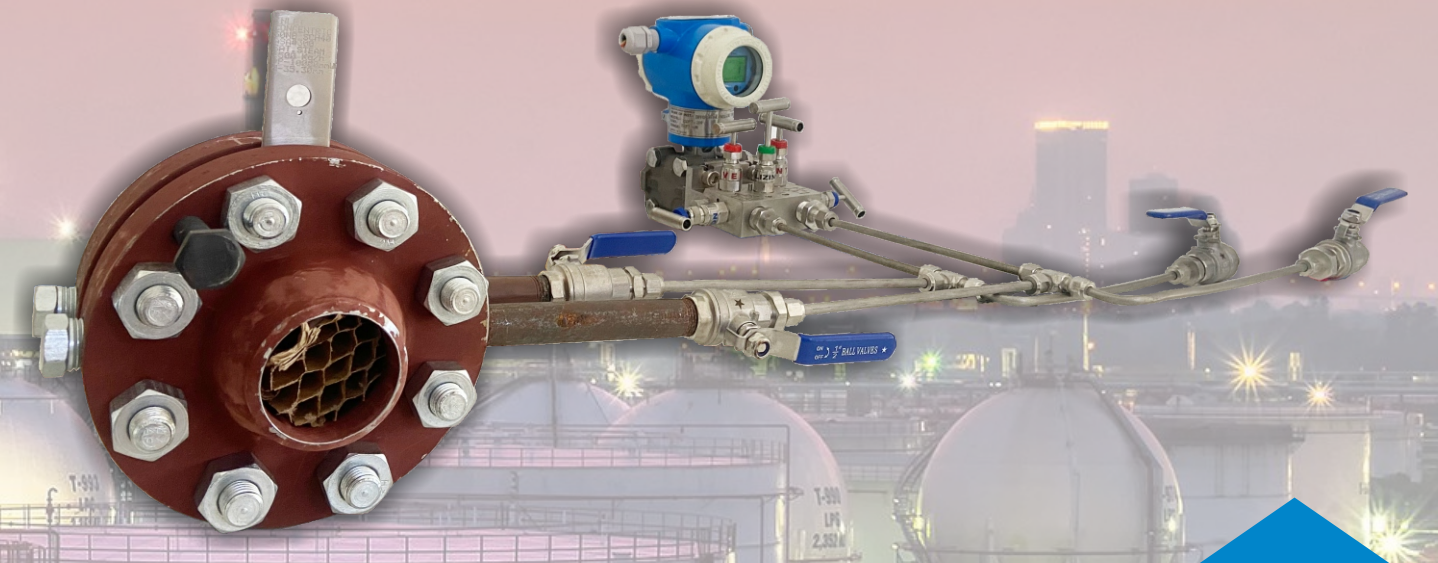


ORIFICE TYPE STEAM FLOW METER



The integral flow assembly shall be supplied as an integral assembly consisting of upstream and downstream straight pipes, the integral orifice of 316 SS (as a minimum), and transmitter installed along with manifold. End flanges shall be as per piping specifications. Upstream and downstream pipes shall be honed from inside to achieve a smooth surface. Integral orifice meters, when used, shall be installed with block and bypass valves.

Orifice plates are mainly used for horizontal flow measurements however vertical flow measurement is allowed only in the downflow of vapors and liquids. Taping of the orifice meter should be horizontal for liquids, condensable vapors, and steam. The taps shall be on top for gas, non-condensable vapor, or liquids, which boil at or below the maximum design ambient temperature at operating pressure.

Specifications :-

Pipe Size	:	15 NB to 500 NB
Class	:	#150, #300, #600
Design Standard	:	BS 1042, ISO 5147, ASME, AGA, R.W. Miller Etc.
Pipe/Flange Material	:	Carbon Steel, Stainless Steel, Alloy Steel, Hastelloy, Titanium, Monel Etc.
Types	:	Square Edge, Eccentric, Quarter Circle, Conical, Multi Hole Etc.
Mounting Type	:	Flanged, Butt welded in pipe
Typical Applications	:	Gases, Liquids, Steam

Company Profile

Instruments & Systems was started in 1985 with view to provide automation solutions to sugar industries, where the automation was still in its nascent stage at that time.

In the year 2000, company decided to diversify in the manufacturing of control valves. Over the period time company has invested in various dies, molds and patterns of various valves and its components.

Computerized order processing and production quality control systems, latest manufacturing technique by using CAD/CAM, VMC/CNC machining and assembling systems, ensures high precision product completely interchangeable and suiting to aesthetic of modern times, yet economically produced.

The company has an engineering and technical expertise together with the facilities to address the diverse automation demands of the modern process industries standard, special and customized control valves are all available on demand for use in a wide range of applications and industries.

"As per Manufacturing and Quality Standards-CE/19408/1120 and ISO 9001:2015"



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