

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 98-02-E

Report Materials and Equipment Acceptance Division

Manufacturer – IMT Armaturen, S.R.L. Via Dellefontane, 66, 1-13011 Borgosesia (VC)
Italy 130M.

Trade Name – IMT.

Product – Manual gas valve.

Pertinent Code Section(s) – 27-826, RS 14-2 (ANSI Z223.1).

Prescribed Tests – RS 14-6 (ANSI Z21.15-1997).

Laboratory - CSA International.

Test Report – No. 190309-1063511-1084528, -1137138 dated July 20, 1993.

Description –

496 series is a ball type gas valve with a two piece brass body and chrome plated brass ball.

592 series is a ball type gas valve with a two piece brass body and chrome plated brass ball. The construction includes two polytetrafluoroethylene seating rings and a NPR70 stem O" ring. The body halves are screwed together using Loctite 648.

593 series is a ball type gas valve with a two piece brass body and chrome plated brass ball. The construction includes two polytetrafluoroethylene seating rings, a polytetra-fluoroethylene stem ring and two Viton "O" rings. The body halves are screwed together using Loctite 648.

596 series is the same as the 593 series except this series has reduced outlet port,

<u>MODEL NO.</u>	<u>SIZE</u>	<u>CAPACITY Btu/</u>
496	3/8 NPT(F) x 3/8 NPT(F)	95,
496	3/8 fl x 3/8 fl	60,
496	1/2 NPT(F) x 1/2 NPT(F)	161,
496	1/2 NPT(F) x 3/8 fl	82,
496	1/2 NPT(F) x 1/2 fl	156,
496	1/2 fl x 1/2 fl	130,
496	3/4 NPT(F) x 3/4 NPT(F)	273,

592	$\frac{1}{4}$ NPT(F) x $\frac{1}{4}$ NPT(F)	220,000
592	$\frac{3}{8}$ NPT(F) x $\frac{3}{8}$ NPT(F)	281,000
592	$\frac{1}{2}$ NPT(F) x $\frac{1}{2}$ NPT(F)	461,000
592	$\frac{3}{4}$ NPT(F) x $\frac{3}{4}$ NPT(F)	1,060,000
592	1 NPT(F) x 1 NPT(F)	1,410,000
592	$1\frac{1}{4}$ NPT(F) x $1\frac{1}{4}$ NPT(F)	3,327,000
592	$1\frac{1}{2}$ NPT(F) x $1\frac{1}{2}$ NPT(F)	4,794,000
592	2 NPT(F) x 2 NPT(F)	7,538,000
593/4	$\frac{1}{2}$ NPT(F) x $\frac{1}{2}$ NPT(F)	461,182
593/4	$\frac{3}{4}$ NPT(F) x $\frac{3}{4}$ NPT(F)	1,062,448
593/4	1 NPT(F) x 1 NPT(F)	1,409,839
593/4	$1\frac{1}{4}$ NPT(F) x $1\frac{1}{4}$ NPT(F)	3,327,635
593/4	$1\frac{1}{2}$ NPT(F) x $1\frac{1}{2}$ NPT(F)	4,793,777
593/4	2 NPT(F) x 2 NPT(F)	7,538,568
596	$\frac{1}{2}$ NPT(F) x $\frac{1}{2}$ NPT(F)	160,671
596	$\frac{3}{4}$ NPT(F) x $\frac{3}{4}$ NPT(F)	461,182
596	1 NPT(F) x 1 NPT(F)	1,062,448
596	$\frac{3}{8}$ NPT(F) x $\frac{3}{8}$ NPT(F)	135,555
596	$\frac{1}{2}$ NPT(F) x $\frac{3}{8}$ fl. (Angle)	58,198
596	$\frac{1}{2}$ NPT(F) x $\frac{1}{2}$ fl. (Angle)	135,574
596	$\frac{3}{4}$ NPT(F) x $\frac{5}{8}$ fl. (Angle)	153,052
596	$\frac{1}{2}$ NPT(F) x $\frac{1}{2}$ fl.	143,774
596	$\frac{1}{2}$ fl. x $\frac{1}{2}$ fl.	143,774

596	$\frac{1}{2}$ NPT(F) x $\frac{1}{2}$ fl.	143,774
596	$\frac{3}{8}$ fl. x $\frac{3}{8}$ fl.	50,945
596	$\frac{1}{2}$ NPT(F) x $\frac{3}{8}$ fl.	70,024
596	$\frac{5}{8}$ fl x $\frac{5}{8}$ fl	461,182

The above capacities are based on a gas having a heating value of 1,000 Btu per cubic foot and a specific gravity of 0.64 at a pressure drop of 0.3 inch w.c.

Recommendation - That the above described manual gas shut-off valve designed for used with natural gas fired appliances, be accepted as meeting the requirements of RS 14-2, RS 14-6 and Paragraph P115.7 of RS-16. The valves shall be installed so as to be protected against physical and thermal damage.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance 6/20/02
 Examined by Stephen J. [Signature]