

# Differential Pressure Flow Element®

## INSTALLATION DETAILS FORM (IDF)



ISO 9001 Certified

In order to enter P.O.'s and guarantee delivery dates, a technically accurate and complete IDF is required. Complete both pages and email to [veris-sales@armstronginternational.com](mailto:veris-sales@armstronginternational.com).

Requested By

Name: \_\_\_\_\_ Company: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_ Date: \_\_\_\_\_

### Section 1: Ordering Processing/Tracking Detail

Point of Order / Sold To: \_\_\_\_\_ (eg: ABC Mechanical)

City: \_\_\_\_\_ State: \_\_\_\_\_ Rep Firm: \_\_\_\_\_

Point of Installation: \_\_\_\_\_ (eg: Heinz Ketchup)

City: \_\_\_\_\_ State: \_\_\_\_\_ Rep Firm: \_\_\_\_\_

Point of Specification: \_\_\_\_\_ (eg: DEF Consulting Engineers)

City: \_\_\_\_\_ State: \_\_\_\_\_ Rep Firm: \_\_\_\_\_

Other Influence (eg: Source of Recommendation): \_\_\_\_\_

### Section 2: Application Detail

Pipe Size \_\_\_\_\_ Sch \_\_\_\_\_

Pipe ID \_\_\_\_\_ Wall \_\_\_\_\_

Pipe Mat'l \_\_\_\_\_

Pipe Orientation (Choose One)

(H) Horizontal

(V) Vertical

\*Fluid Name: \_\_\_\_\_ Tag Number: \_\_\_\_\_

		*Maximum	Normal	Minimum	*Units
<b>*Flow Rate</b>					
<b>All Fluids</b>	Pressure @ Flow				
	Temperature @ Flow				
<b>Gas</b>	Specific Gravity, or				
	Molecular Weight				
<b>Liquid</b>	Specific Gravity				
<b>Steam</b>	Flow Element Sizing Program can calculate density from temperature and pressure				

Armstrong International – VERIS Flow Measurement Group

5820 Glacier Way, Frederick, CO 80516 - U.S.A. Phone: (303) 652-8550 · Fax: (303) 652-8552

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit [armstronginternational.com](http://armstronginternational.com) for up-to-date information.

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## Section 3: Primary Element

**Element Type:**

- Orifice Plate
- Venturi
- Flow Nozzle
- Wege

Desired Differential Pressure at Max Flow:

\_\_\_\_\_

Desired Beta Ratio (if applicable):

\_\_\_\_\_

**Meter Run:**

- Yes
- No

**Orifice Plate:**

- Concentric
- Eccentric
- Quadrant Edged
- Segmented Bore

**Tap Type:**

- Flange
- Radius
- Vena Contracta
- Pipe

**Flange Rating (if applicable):**

- 300#
- 600#

**Venturi Flow Nozzle:**

- Flanged
- Weld-In
- Insert

**Flange Rating (if applicable):**

- 150#
- 300#
- 600#
- Other

**Material Construction:**

Throat: \_\_\_\_\_

Body: \_\_\_\_\_

## Section 7: Notes

## Quality Codes

Quality Code Description		Quality Codes
PMI	<input type="checkbox"/>	PMI
Actual Material Certificate	<input type="checkbox"/>	ACT
Typical Material Reports	<input type="checkbox"/>	TYP
Liquid Penetrant Examination per ARM OP4.301	<input type="checkbox"/>	LPI10 or LPI100 (Dye pen testing 10", Dye end testing 100%)
Third Party Inspection	<input type="checkbox"/>	TPIF, TPIM or TPIP (TPI Final, TPI Multipoint, TPI Initial)
Pressure Boundary Test (Hydro Testing)	<input type="checkbox"/>	Hydro
ASME B31.1	<input type="checkbox"/>	B31.1
ASME B31.3	<input type="checkbox"/>	B31.3
ASME B31.8	<input type="checkbox"/>	B31.8
NACE MR0175	<input type="checkbox"/>	NACE MR0175

Quality Code Description		Quality Codes
NACE MR0103	<input type="checkbox"/>	NACE MR0103
Oxygen Cleaing	<input type="checkbox"/>	Oxy
CRN	<input type="checkbox"/>	CRN
Special Packing and Preservation	<input type="checkbox"/>	SPCL PCKG
Radiographic Inspection	<input type="checkbox"/>	XRAY
Hardness Testing	<input type="checkbox"/>	HDNS TEST
Ferrite Testing	<input type="checkbox"/>	FCT
Progress Testing	<input type="checkbox"/>	PROG RPRT
Inspection Checklists to ship with shipent	<input type="checkbox"/>	INSP CHK
Certiifiicate of Compliance	<input type="checkbox"/>	CC

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