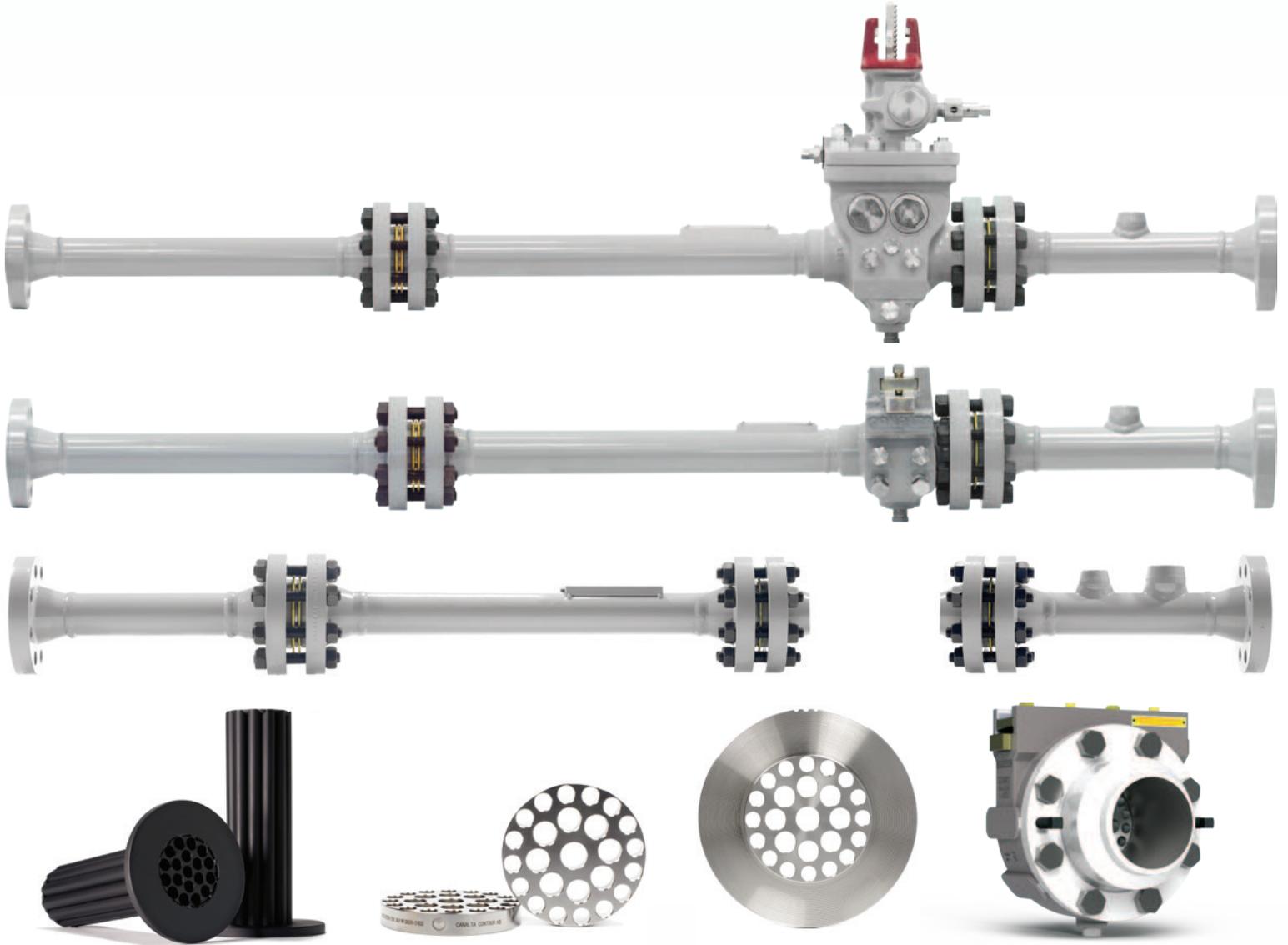


# Canalta

**Flow Measurement**

A Canalta Controls Company



## The Canalta Meter Run

*Custom Designed* using the *Latest Technology*, meeting the *Latest Standards*, providing the *Highest Accuracy*

**Call Us Toll Free: 1-855-CANALTA**

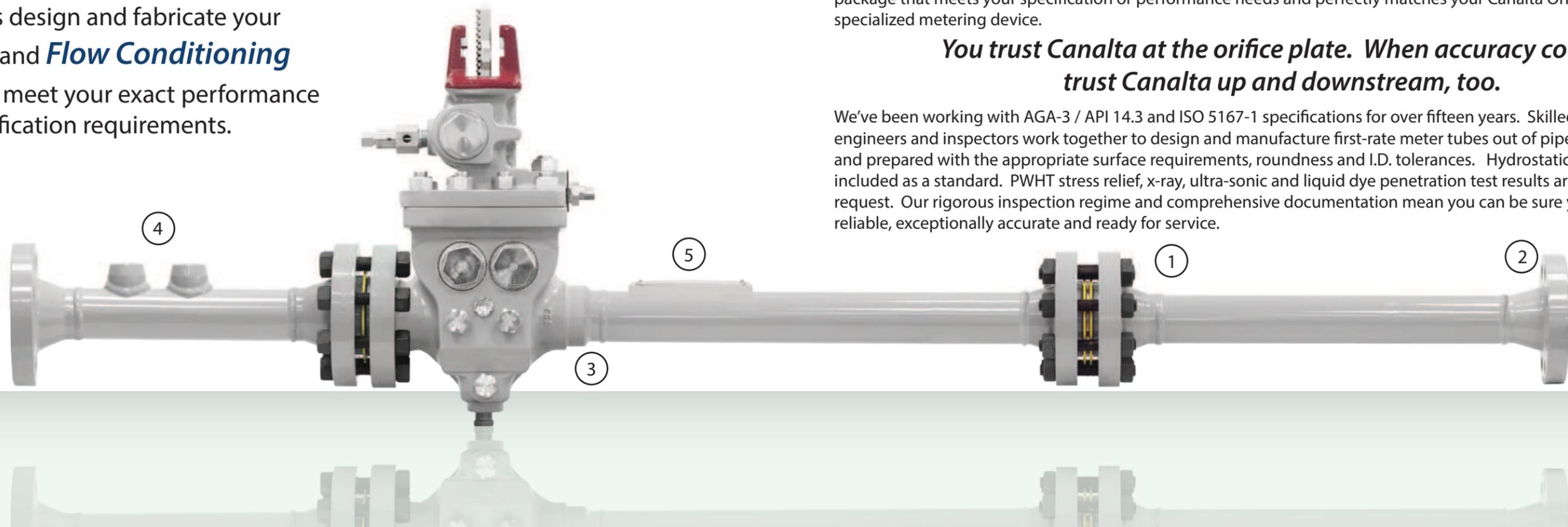
An ISO 9001:2008 registered company

Phone: 403.342.4494

Email: [sales@canaltaflow.com](mailto:sales@canaltaflow.com)

[www.canaltaflow.com](http://www.canaltaflow.com)

Let the experts design and fabricate your **Meter Runs** and **Flow Conditioning Solutions** to meet your exact performance needs or specification requirements.



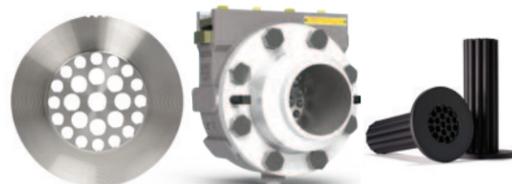
Canalta fabricates custom meter runs for all of our orifice fitting models and a variety of other metering applications. Whether the size is 2" or 30", high or low pressure, wet, dry or corrosive service, we can put together a custom meter run package that meets your specification or performance needs and perfectly matches your Canalta Orifice Fitting or other specialized metering device.

**You trust Canalta at the orifice plate. When accuracy counts, trust Canalta up and downstream, too.**

We've been working with AGA-3 / API 14.3 and ISO 5167-1 specifications for over fifteen years. Skilled technicians, engineers and inspectors work together to design and manufacture first-rate meter tubes out of pipe carefully selected and prepared with the appropriate surface requirements, roundness and I.D. tolerances. Hydrostatic test results are included as a standard. PWHT stress relief, x-ray, ultra-sonic and liquid dye penetration test results are available on request. Our rigorous inspection regime and comprehensive documentation mean you can be sure your meter run is reliable, exceptionally accurate and ready for service.

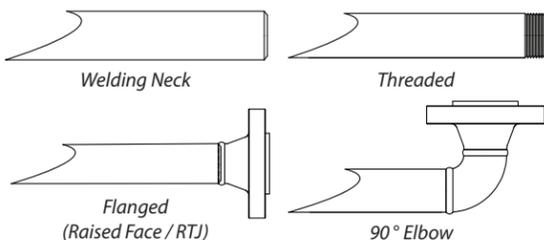
**1 CONTOUR™ FLOW CONDITIONING SOLUTIONS**

The goal of meter run design is to account for swirl and turbulence. Suitable for a wide range of flow measurement methods and equipment, Canalta's Contour™ lineup of Flow Conditioners, Flow Conditioner Housings and Straightening Vanes will help you develop the flow profile you need to achieve maximum performance and accuracy in the field.



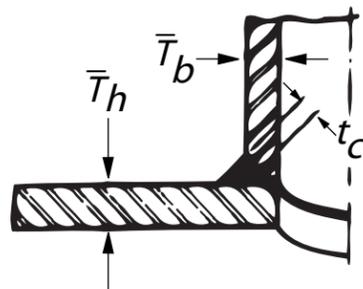
**2 END CONNECTION OPTIONS**

Canalta Meter Runs can be fabricated with a variety of standard tube ends. All inner surface welds are precision ground and inspected to meet exacting I.D. surface and roundness tolerances. Per your requirements, two and three-piece meter runs can have dissimilar end types up and downstream of the orifice fitting.



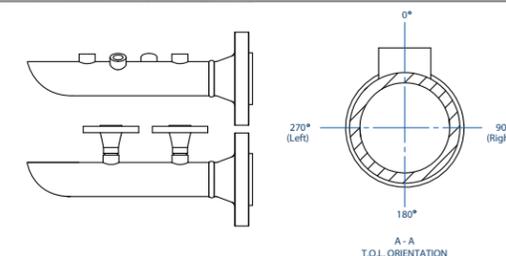
**3 WELDING STANDARDS**

Each Canalta Meter Run is professionally fabricated by our team of certified "B" Pressure Welders and experienced pipe finishers to meet and exceed the stringent specifications of AGA / API / ISO. Our welding procedures are registered with the Alberta Boiler and Safety Association (ABSA) and are in accordance with the applicable ASME Boiler and Pressure Vessel Codes. Canalta will ensure that all of your NDT and stress relieving requirements are met with full documentation.



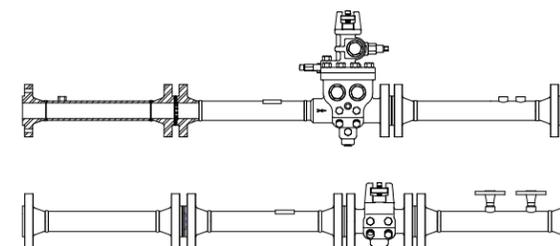
**4 BRANCH CONNECTION OPTIONS**

Industry standard offerings provide one 1" and one 3/4" branch connection on the downstream spool. Our custom meter tube design capability allows us to fabricate nearly any combination of weldolets, sockolets, flanged outlets, threadolets and latrolets in any size and orientation.



**5 METER RUN SPECIFICATION PLATE**

All Canalta Meter Runs include a specification plate mounted immediately upstream of the primary measurement element. These spec plates detail pipe schedule, pressure rating, maximum beta, maximum orifice and other information essential to proper operation.



With literally endless configurations possible, Canalta will custom design and fabricate your meter run for any application.

**ACCURACY, RELIABILITY, PERFORMANCE.**

**Call Us Toll Free: 1-855-CANALTA**

# ACCURACY, RELIABILITY, PERFORMANCE.

Whether you are replacing existing equipment in an established metering line, or designing a project from the ground up, our experienced sales and technical teams will work closely with you to produce a meter run package that meets your specifications *and* addresses your budgetary and delivery needs.

Our engineering drawings, technical data sheets and an emphasis on open communication help to translate your design requirements into the right finished product. Our experience and ability to design to the appropriate AGA-3 / API 14.3 or ISO 5167-1 requirements and mean your Canalta Meter Run will be reliable, accurate and ready for the field.

<b>Canalta</b> Canalta Flow Measurement 8754E Ave Box 200, AB T8P 1A5 Canada Phone: 403.342.4494 Fax: (403) 342.4494 email: <a href="mailto:sales@canaltaflow.com">sales@canaltaflow.com</a>		<b>DUAL CHAMBER ORIFICE FITTING DATASHEET</b>
<b>GENERAL</b>	1 TAG NO. 1	Customer:
	2 LINE NO. 4	Customer PDR:
	3 LINE SIZE/INCH 2" SCH40	DATE:
	4 DESIGN STANDARD API 14.3/AGA 3 4th (2000) Ed. Part 2	Sheet #:
	5 QUANTITY 1	SHT 1 of 1
	6 MATERIAL ST55	WO #:
	7 THICKNESS IN 0.13	LINE ID:
	8 BETA $\beta$ (Initial) 0.52	CWP (P&G) 1185
	9 CORE DIA "D" IN 1.00	Hydrotest (P&G) 1 Hour @ 2200
	10 MAX ALLOWABLE BETA $\beta$ 0.60	
<b>ORIFICE PLATE</b>	11 No. No	
	12 AL 304/316 ST55	
	13 316 Carbon Steel	
	14 316	
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Contact us today to find out how **Canalta Flow Measurement** can provide **exceptional value**, adding to your **bottom line** without sacrificing **quality, service** or **performance**.



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