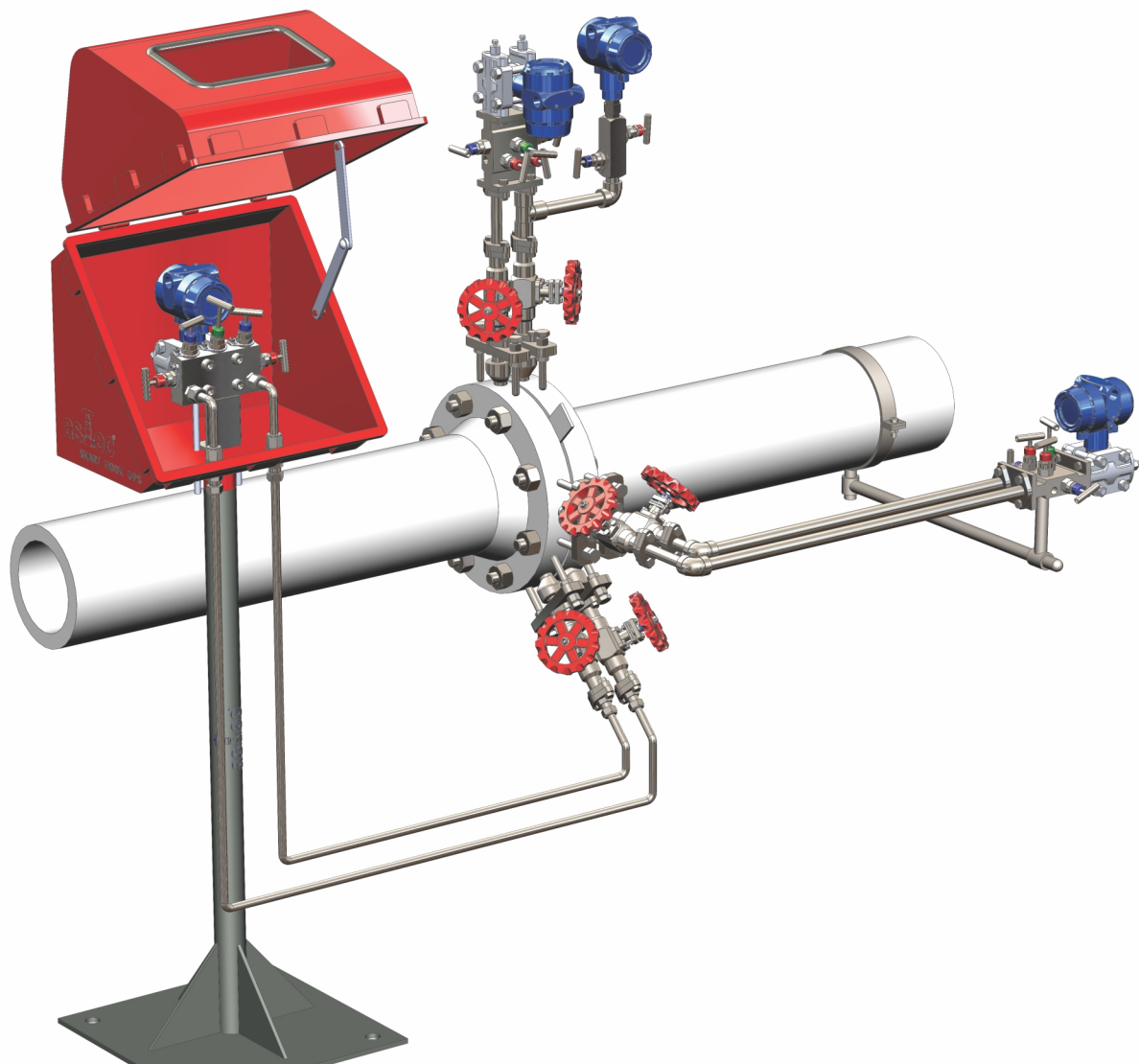


SMART HOOK-UPS™

PREFABRICATED CLOSE COUPLED & REMOTE MOUNTED
PRESSURE, FLOW, LEVEL INSTRUMENT HOOK UP's



STANDARD & CUSTOM BUILT AS PER CLIENT DRAWINGS



OVER A **MILLION** VALVES & FITTINGS IN USE WORLDWIDE.

Rate Contract With Worlds Largest Oil, Gas & Power Installations.

BEST INDUSTRY PRACTICES. 40 YEARS.

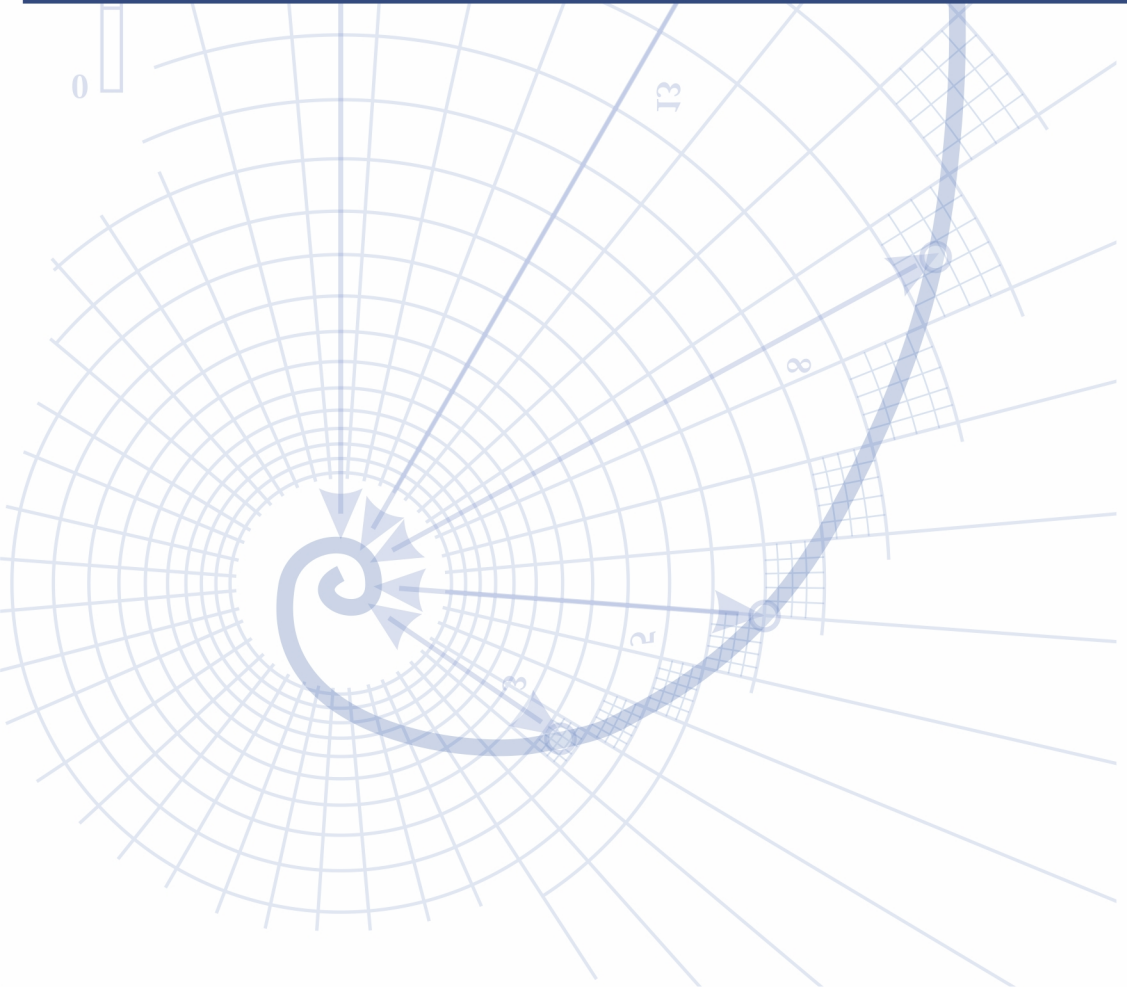
Design, Manufacture, Assembly & Testing Under One Roof.

2000 FLUID COMPONENTS CATALOGUED AND CUSTOM BUILT INSTRUMENT HOOK UP ASSEMBLIES.

PRODUCTS TESTED & APPROVED TO SHELL SPECIFICATIONS.

High Pressure Testing. Vibration. Pressure Impulse. Temperature Cycling Test. Fire Safe Testing. Fugitive Emission Testing.

Leak Free Audit By TUV On 10.5 MMTPA Essar / ABB Lummus Refinery Built With Over 100,000 Nos Of 'ASTEC' Inst. Valves/ Fittings.



LET'S WORK SMARTER >>>



WOULD YOU LIKE TO HOOK-UP FIELD INSTRUMENTS?

All you do is provide the
**Instrument Hook Up
Drawings & Data.**

OUR SERVICES:

Submitting 3D Models to each Hook Up drawing

PDMS/PDS services to align Hook Ups on your system to check possible alterations (optional)

Manufacture & Fabricate as per 3D models / PDMS drawings approved by client

Provide complete QC documentation required by client

Deliver each Hook Up INDIVIDUALLY PACKAGED as per TAG Nos.

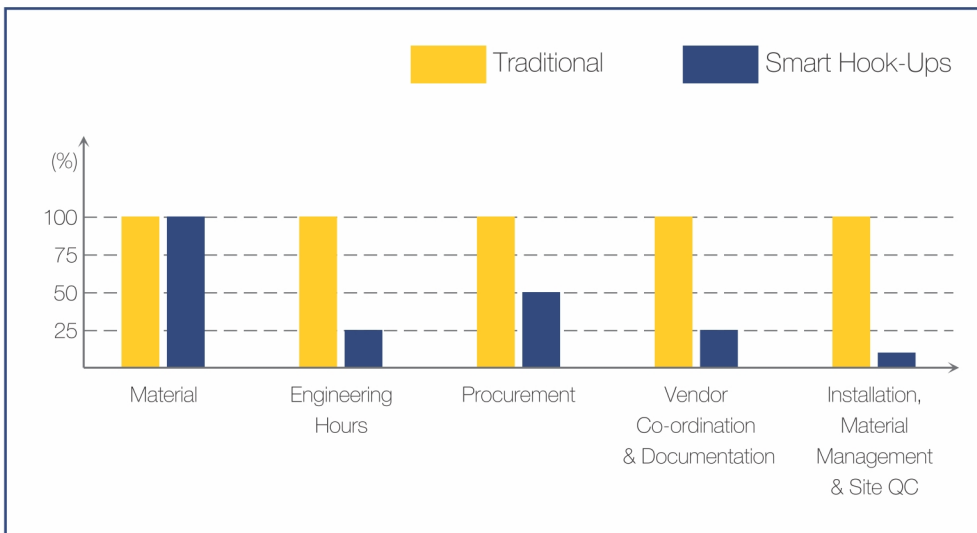
HOOKED IN

\$500k

WELD TO PROCESS & MOUNT INSTRUMENT.

02	Food
01	Wat
Rev.	
Nestlé USA	
Anderson, I	
PI-DIAGR	
VACUUM	
01	EA-MIX4
	IH

COMPARISON TRADITIONAL v/s SMART HOOK UP'S



Note: The above information is based on our various studies and is subject to change based on need & location.





SAVE TIME, STRESS & COST.

Quicker Designing. Save on Engineering hours.

Ease Procurement & Vendor Coordination. Avoid Multiple Product & Service sourcing .

Simple PLUG & PLAY installation. Avoid Multiple Parts & Manpower Co-ordination on site.

Factory Pre-tested with Quality Control documentation to clients requirements.

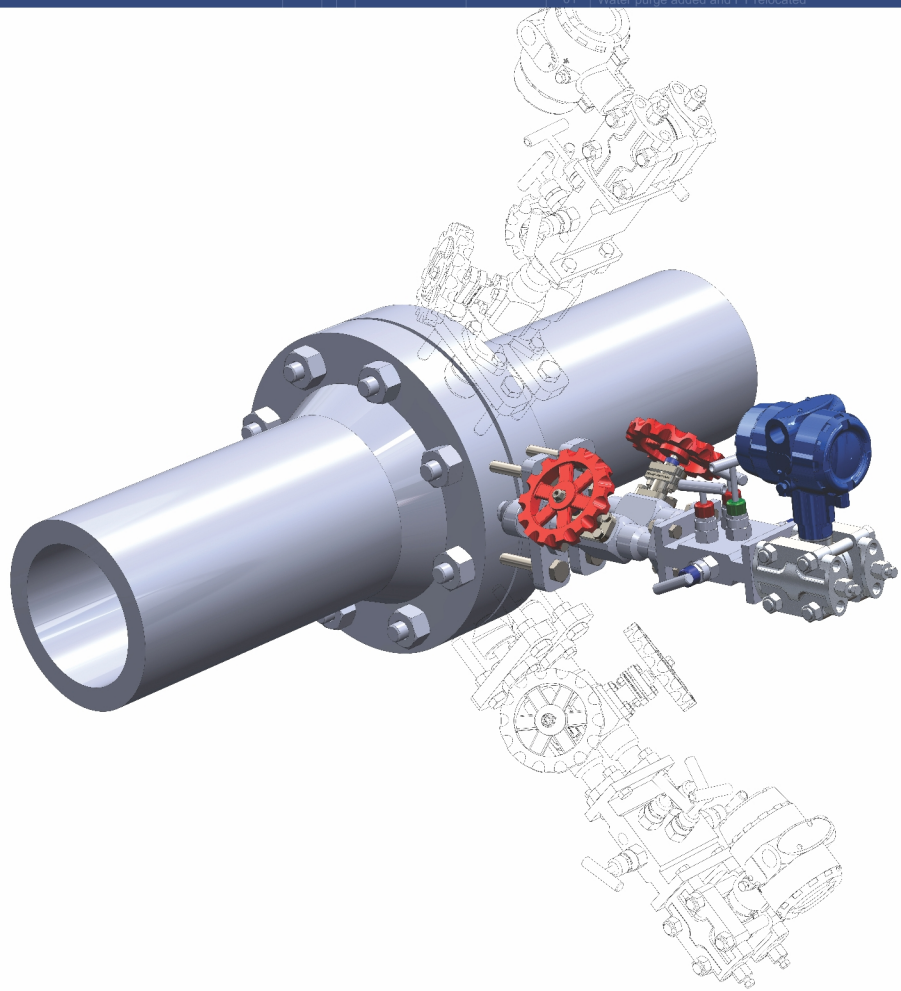
Improve Instrument Performance. Reduce Maintenance cycles on close coupled hook ups.

Modular Construction with Slip-on valve design reduces changeover time.

FUGITIVE EMISSION & FIRE SAFE TESTED as per 'SHELL' specifications

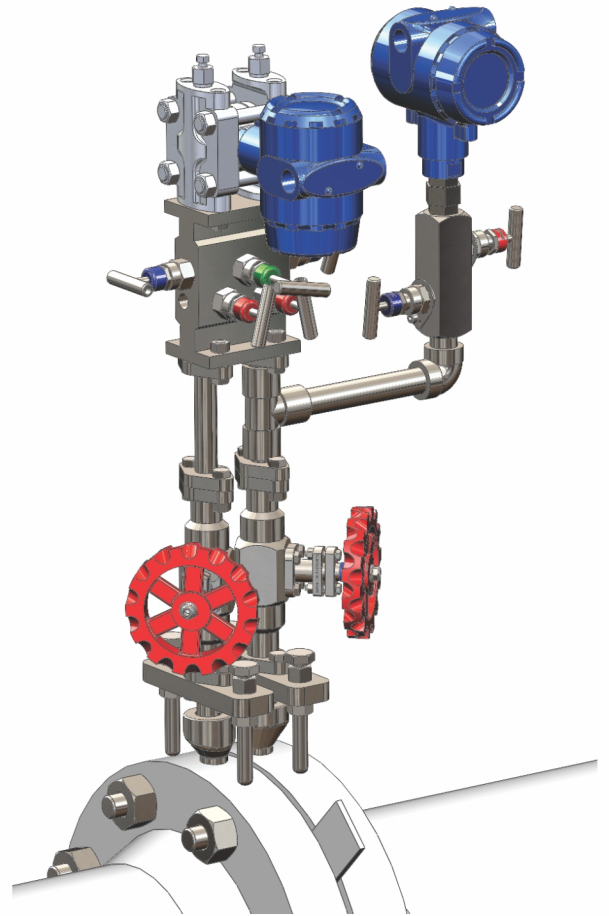
SAVE UPTO 50%

02	Food Grade Caustic added	28.05.2007
01	Water purge added and FT relocated	05.03.2007



Level

PREFABRICATED LEVEL HOOK UPS
 Custom Built to Clients Drawings/Data

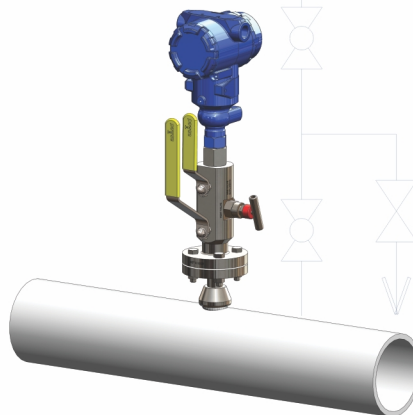


FLOW CUM PRESSURE HOOK-UPS
 Available for Close Coupled &
 Remote Mounted Hook Ups

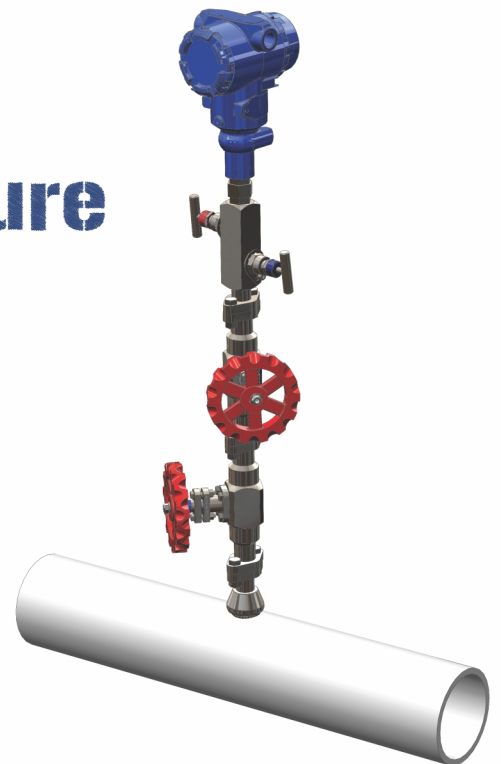
Pressure



MONOFLANGE
 Globe and Needle Valve assembly.
 Can be Remote mounted.



DOUBLE BLOCK & BLEED (DBB)
 Ball and Needle Valve assembly.
 Can be Remote mounted.

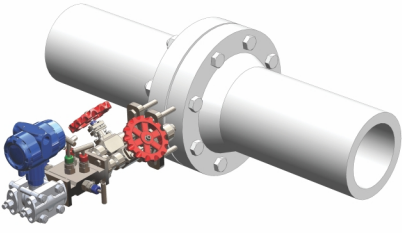


PREFABRICATED PRESSURE HOOK UPS
 Custom Built to Clients Drawings/Data

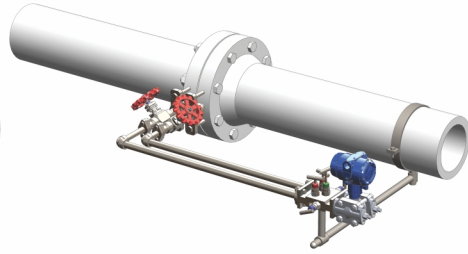
Note: All Hook Ups come with Primary Piping Valves . Min/Max 150 thru 2500# services. Max Temperature 550C.
 All Hook Ups can be converted from Close Coupled to Remote Mounted and vice versa.

Flow

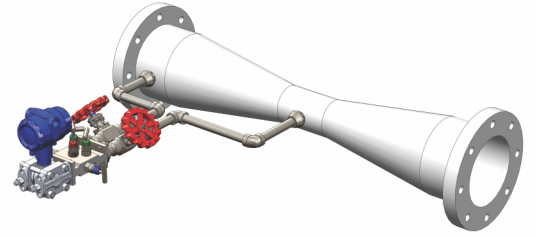
CLOSE COUPLED HOOK UPS



CCHU - Max 240°C temperature



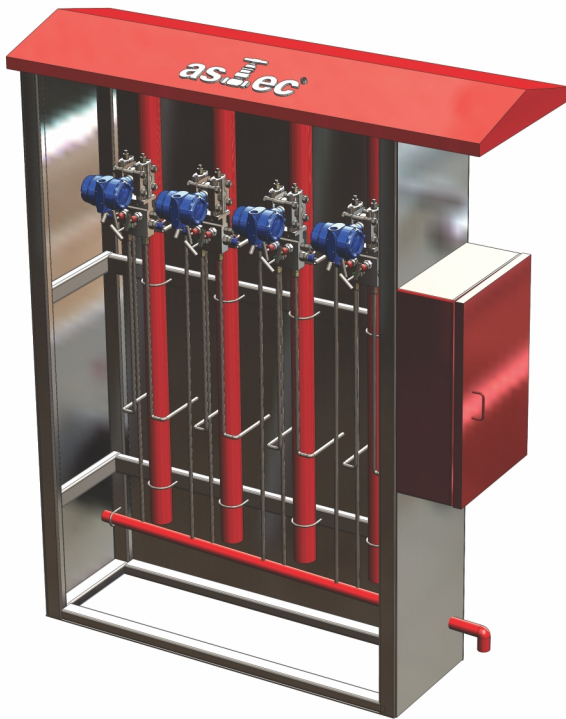
CCHU - Max 550°C temperature.



CCHU For Venturi

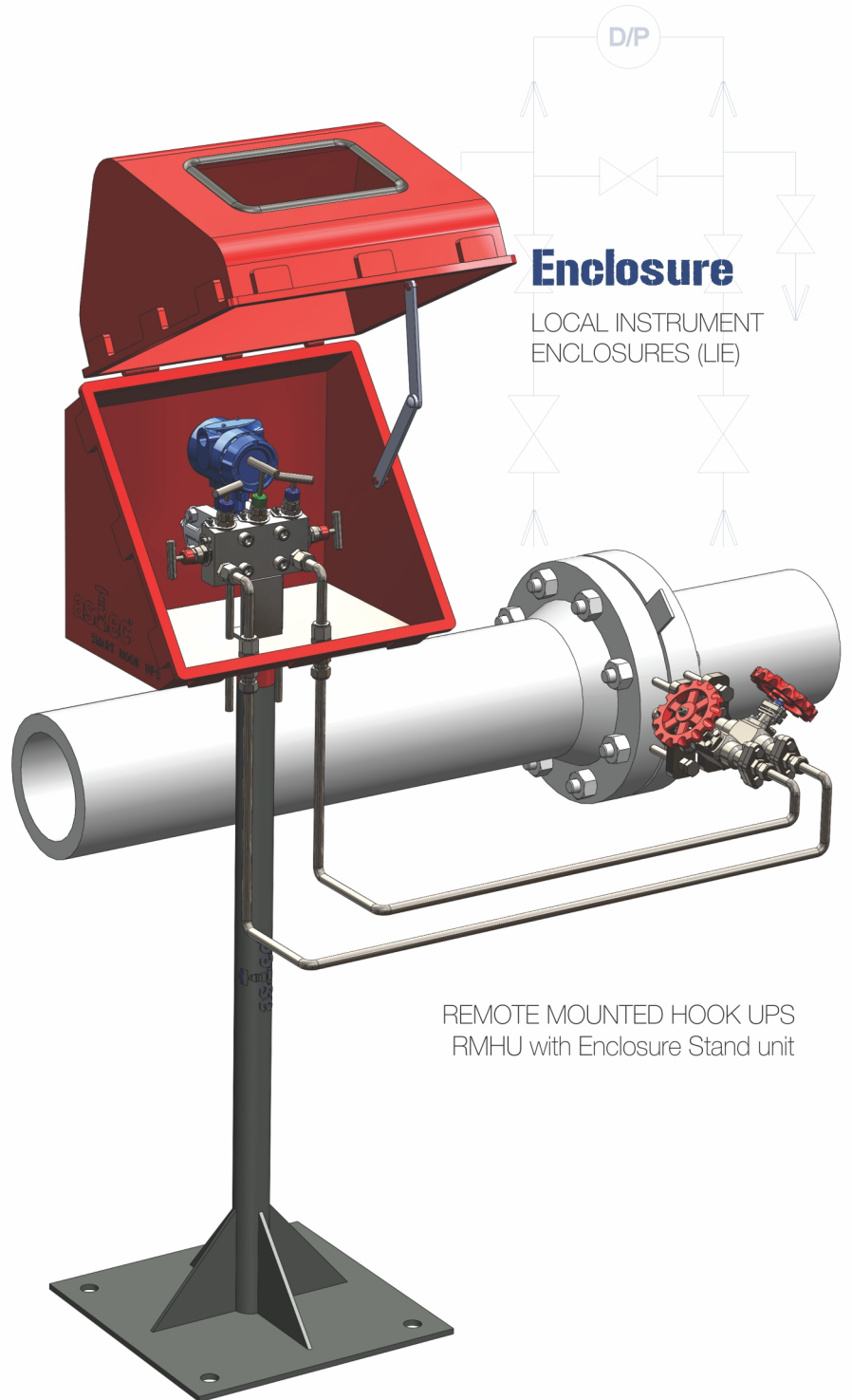
Sample

Hook-up Assemblies



Racks

LOCAL INSTRUMENT RACKS (LIR)
Multiple Instruments can be Mounted



REMOTE MOUNTED HOOK UPS
RMHU with Enclosure Stand unit

Note: All Hook Ups come with Primary Piping Valves . Min/Max 150 thru 2500# services. Max Temperature 550C.
All Hook Ups can be converted from Close Coupled to Remote Mounted and vice versa.



Factory

10/11, Geeta Industrial Estate No. 7, Near K.T. Industrial Park, Gorai Pada,
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Tel.: 0091 22 66712916/20

Fax.: 0091 22 2687 3571

Email: smarthu@astectubelok.com

Website: www.astectubelok.com

SOME OF OUR OTHER PRODUCTS

Tube Fittings | Precision Pipe Fittings | Tubes & Pipes | Tubes & Pipes Clamps | Needle & Gauge Valves | Ball Valves

Instrument Manifolds Valves | Monoflange Valves | Check and Relief Valves | Pressure Snubbers

Air Headers | Condensate Pots / Syphons | Thermowells | Alternate Fuel Industry Products.

