



Corrosion Monitoring System

Rohrback Cosasco Systems®

Cosasco® 2" High Pressure Systems



General Features

Cosasco® Access Systems provide safe access to any system at pressures up to 6000 PSI (41.3 Mpa) and temperatures from -50°F to 450°F (-45°C to 232°C). All Cosasco® 2" high pressure components are designed and manufactured in accordance with NACE MR0175 for the highest quality. Cosasco® Access Systems are known for safe, reliable performance, and can be teamed up with coupons, probes and chemical injection systems.

Applications

Cosasco® Systems can be used at full service pressure in oilfields, pipelines, refineries, and process lines.

Access Fittings

Cosasco® access fitting consist of a body, which is welded or flanged to the pipeline or vessel, and a plug. Plugs may be solid or hollow, depending on the application. Access fittings are available in two body styles.

-Non Tee for coupons and probes.

-Tee for injection systems; sand probes.

The standard materials are carbon steel or stainless steel.

Retrievers

Cosasco® retrievers are the basic tool for safe and easy insertion and removal of probes and coupons under pressure. Used in conjunction with the service valve, a pressure balance system bleeds pressure into the retriever and allows safe access to the system under pressure. The RBSA retriever features a light weight aluminium barrel and handles pressure up to 2,500 PSI. The RBS retriever can accommodate severe applications and pressures of up to 6,000 PSI. Both retrievers are available in a variety of lengths.

Service Valves

A Cosasco® service valve is installed on an access fitting for insertion or retrieval operations. It safely contains the pressurized product while the plug assembly is removed from the access fitting and ensures of the system during replacement of the probes. The RBSA/RBS service valve handles pressures to 3,600 PSI while the RBS 6000 service valve is rated to 6,000PSI. Both valves comply with API 6FA and 607 fore-safe regulations.

Injection/Sampling Systems

RCS Injection/Sampling Systems offer an ideal means of introducing various inhibitors or extracting samples while vessels are under full operating pressure. Chemicals of varying viscosities can be injected or sampled and the positioning of the tubes can be changed while the system is under pressure. A wide range of injectors is available; **Quill, open, nozzle, and head with cap and core.**

Coupon Holders

Coupon holders suspend coupons into the area to be monitored and are available in any length for top, middle, or bottom-of-line monitoring on any size pipe or vessel. RCS offers the following coupon holders:

- Strip coupon holder
- Disc coupon holder (fixed and adjustable)
- Multiple disc coupon holder
- ladder strip coupon holder.

Coupons

Corrosion coupons are a practical method of long term monitoring of general, pitting, crevice, and bacteriological corrosion. The coupon material is generally matched to the pipe or vessel alloy inot which it is inserted. Coupon weight loss is used to determine weight loss. RCS coupons weight loss is used to determine metal loss. RCS coupons are manufactured to meet NACE RP0775 and ASTM G1 and are available in different materials and styles.

- Strip coupons, Ladder strip coupons.
- Flush disc coupons, Multiple disc coupons
- Strip scale coupons, other special coupons.

Vic/Tas/SA 03 9993 7500	NSW 02 9663 2322	NZ 09 414 5080	QLD/NT 07 3890 8533	WA 08 9248 8999
----------------------------	---------------------	-------------------	------------------------	--------------------

All written data and statements herein are provided in good faith and believed to be reliable and appropriate at the time of drafting this document. However it is given without implied or express guarantee. Potential uses are urged to trial and /or conduct conformity test of the product to deem its suitable in application for a particular end use prior to purchase.