

## SAFR with COSASCO®



The Cosasco SAFR (Surveyed Access Fitting Register) system is designed for leak prevention of abandoned or redundant Access Fittings. Cosasco Access Fittings are considered the industry standard for the installation of intrusive corrosion/erosion monitoring, chemical injection and sampling systems. Over the years a number of Access Fittings have been abandoned for various reasons and have not been included in the operator's regular maintenance programmes.

### Reasons for abandonment include:

- **Surplus to requirements; no monitoring or injection necessary**
- **Access restrictions making online retrieval impossible**
- **No double isolation**
- **Material selection resulting in seized carrier plugs or thread protecting covers**
- **Lack of Maintenance**
- **Poor servicing**



**Unmaintained Well Bay - No Double Isolation**

Access Fittings are designed to allow "Access Under Pressure" and it is necessary to service the fittings regularly. Regular corrosion monitoring coupon retrievals and probe change outs allow for this in some cases but ALL Access Fittings must be serviced and maintained.

Cosasco wants you to operate SAFR by:

- Raising awareness that any Access Fitting providing a seal containing process fluids must be serviced annually in order to prevent leaks.
- Providing an initiative which will assist the operator or duty holder in ensuring plant integrity and the reduction of risk.
- Proactively supporting the current HSE stance on abandoned or redundant Access Fittings.
- Offering the operator or duty holder an opportunity to evaluate and risk assess the condition of their Access Fittings.

### SAFR Tablet and Software

At the heart of the SAFR programme is the SAFR tablet and application. The tablet has the following key benefits:

- Efficiently gathers critical data for all monitoring locations onsite such as type of device, access fitting condition, seal type, date of last service.
- Tablet syncs with cloud server creating instant reporting for each monitoring point as they are serviced and maintained at a specific site.
- Data instantly available for reporting reducing time frames from job completion to reporting to required actions.



## SAFR Tagging and Rubber Seals

During routine maintenance campaigns our experienced field technicians will Tag and Seal each fitting serviced.

The rubber seals are used to protect the fitting and pressure retaining cover from exposure to extreme weather conditions ensuring the fitting is available when required (no stuck caps).

The tagging is visual aid used to identify:

- Access Fittings “in service”- activate monitoring installed.
- Access fittings “not in service”- no active monitoring but seals and materials must still be maintained.
- Last service date
- Next service date



All Access Fittings should be installed with heavy duty pressure retaining covers complete with pressure gauge and bleed valve as a minimum. This will ensure a double isolation at all fittings and may also be utilized for annual pressure testing. All surveyed Access Fittings will carry the Cosasco SAFR tag that allows all plant personnel to identify that the fitting has been assessed, serviced if possible, and is recorded on the Cosasco SAFR tablet. All surveyed Access Fittings are added to our register and servicing schedules established with the client.

Some Access Fittings may not be in a condition that can be serviced online and Cosasco would add these to SAFR for servicing during shutdowns. With the following product developments Cosasco are confident that a number can be serviced online;

- **Double Isolation Service Valve, used by Cosasco Field Services as standard**
- **RSL/ Magnetic Retrieval Tool designed to greatly reduce access requirements**
- **Patent Corrosion Resistant Access Fittings, no risk of seat seal or thread damage**



Carrier plug retrieved with no device or seal attached



Cosasco Serviced Access Fittings

There are a number of manufacturers that have delivered copies of the Cosasco Access Fitting to the industry over the years and there are alternative designs which all require the same regular servicing, whether being utilized or abandoned. Cosasco Field Personnel are the most experienced in the industry and we have the skills and knowledge that only a market leader can provide when risk assessing, retrofitting and servicing Access Fittings of all types.

Please contact our SAFR Representative at [Sales@cosasco.com](mailto:Sales@cosasco.com) to find out more and to arrange a presentation.