

# SAM SERVICES

The SAMSON logo consists of the word "SAMSON" in a white, sans-serif font, centered within a solid black circle. This circle is itself centered within a white square frame.

## Smart Preparations for Plant Shutdowns

SMART IN FLOW CONTROL

# SMART PREPARATIONS FOR PLANT SHUTDOWNS



**Products, digital solutions and services from one single source**  
**Maximize plant availability while minimizing plant downtime**

- Be smart in planning your plant shutdowns
- Take inventory and register your control valves (including non-SAMSON makes)
- Perform extended analyses of the diagnostic data collected by SAMSON positioners mounted on your control valves
- Get ready and plan the resulting service work on your valves
- Update your equipment documentation
- Digitalize your installed equipment (electronic nameplates and RFID tags)



# REGISTRATION OF YOUR CONTROL VALVES

PLAN



- Inventory and registration of your control valves (including non-SAMSON makes)
- Visual inspection of the condition of your valves
- Preparations and planning of the service work required on your valves

## OPTIONS

- Digitalization of your installed equipment (electronic nameplates and RFID tags)
- Update of your equipment documentation

### 1.3.4 Specification sheet for control valves

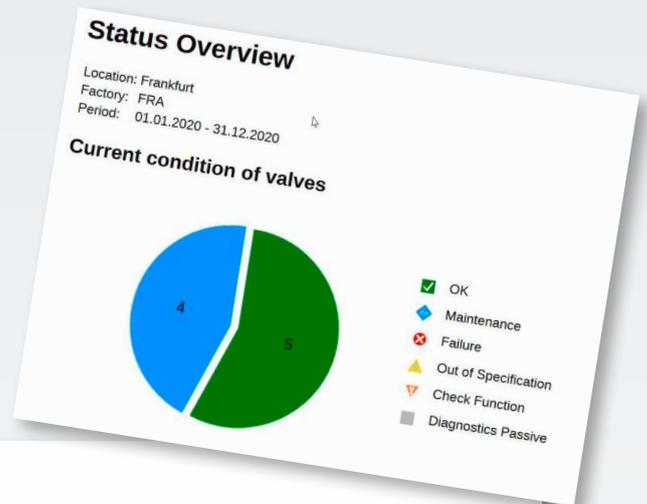
		Specification sheet for control valves according to IEC 60534-7			
		<input checked="" type="checkbox"/> - Details that must be specified to select and size the valve			
	1	Installation site			
	2	Control task			
	7	Pipeline	DN	PN	NPS Class
	8	Pipe material			
	12	Process medium			
	13	State at the valve inlet	Liquid	Vapor	Gas
	15		Min.	Usual	Max. Unit
	16	Flow rate			
	17	Input pressure $p_1$			
	18	Output pressure $p_2$			
	19	Temperature $T_1$			

# SAMSON VALVE STATUS

PLAN



- Readout of diagnostic data from SAMSON positioners and detection of the SAMSON valve status
- Summary report including all tags
- \* Also includes the services from plan S



## SAMSON Valve Status - Latest readout

End of period: **2021-12-31**

Tag	Status	Latest Readout	Device Type
FRA1907S001PA03Y1887	◆	2020-03-04	3730-3
FRA1907S001PA04Y1973	◆	2020-10-04	3730-3
FRA1907S002PA02Y1898	◆	2020-10-31	3730-3
FRA1907S002PA02Y1974	◆	2021-03-06	3730-3
FRA1907S001PA03Y1893	✓	2020-10-31	3730-3
FRA1907S001PA03Y1895	✓	2021-03-06	3730-3

# EXPERT ANALYSES OF DIAGNOSTIC DATA

PLAN



## SAMSON Valve State - Trend

End of period: 31.12.2020

Tag no.	01-2020	02-2020	03-2020	04-2020	05-2020	06-2020	07-2020	08-2020	09-2020	10-2020	11-2020	12-2020
FRA1907S001PA03Y1895	✓	✓		✓	✓	✓	✓	✓	✓	✓		
FRA1907S002PA02Y1898				✓	✓	✓	✖	✖	✖			
FRA1907S002PA01Y1234				✓	✓	✓				✓		
FRA1907S002PA01Y1899				✓	✓	✓	✓	✓	✓			
FRA1907S002PA02Y1653				✓	✓	✓					✖	
FRA1907S001PA03Y1893				✓	✓	✓	✓	✓	✓	✓		
FRA1907S001PA03Y1887		✖	✖									
FRA1907S001PA04Y1901					✓	✓	✓	✓	✓	✓		
FRA1907S001PA04Y1973							✖	✖	✖	✖		

The table reports the last readout of each month

- Detailed report on the condition of every tag including recommended action
- Suggestions on how to optimize your tags

### OPTIONS

- Extended warranty

\* Also includes the services from plan M



Message Attachment changed  
 Description The positioner attachment has been changed.  
 Recommended action Check the positioner attachment and the pneumatic connection.

#### ⚠ DANGER

Risk of severe injury due to residual hazards posed by the valve, actuator and positioner.

→ Read the associated documentation for the valve, actuator, positioner and other valve accessories before performing any work on the control valve.

#### ⚠ DANGER

Risk of fatal injury due to ineffective explosion protection.

The explosion protection becomes ineffective when the positioner cover is opened.

→ The following regulations apply to installation in hazardous areas: EN 60079-14 (VDE 0165, Part 1).

#### ⚠ WARNING

Risk of injury by possible movement of exposed parts (positioner, actuator or valve).

→ Do not touch or block exposed moving parts.

#### 💡 Tip

The documentation for the SAMSON devices (positioners, actuators, valves etc.) can be found on our website ► [www.samsongroup.com](http://www.samsongroup.com) (Service & Support > Downloads > Documentation), Table 1 (at the end of this document) lists the positioner documentation.

#### Checking the positioner attachment

→ Check the positioner to ensure that it is mounted firmly.

→ If necessary, correct the attachment (see positioner documentation).



# SAMSON AT A GLANCE



## STAFF

- Worldwide 4,500
- Europe 3,600
- Asia 600
- Americas 200
- Frankfurt am Main, Germany 1,900

## INDUSTRIES AND APPLICATIONS

- Chemicals and petrochemicals
- Food and beverages
- Pharmaceuticals and biotechnology
- Oil and gas
- Liquefied Natural Gas (LNG)
- Marine equipment
- Power and energy
- Industrial gases
- Cryogenic applications
- District energy and building automation
- Metallurgy and mining
- Pulp and paper
- Water technology
- Other industries

## PRODUCTS

- Valves
- Self-operated regulators
- Actuators
- Positioners and valve accessories
- Signal converters
- Controllers and automation systems
- Sensors and thermostats
- Digital solutions

## SALES SITES

- More than 50 subsidiaries  
in over 40 countries
- More than 200 representatives

## PRODUCTION SITES

- SAMSON Germany, Frankfurt, established in 1916  
Total plot and production area: 150,000 m<sup>2</sup>
- SAMSON France, Lyon, established in 1962  
Total plot and production area: 23,400 m<sup>2</sup>
- SAMSON Turkey, Istanbul established in 1984  
Total plot and production area: 11,100 m<sup>2</sup>
- SAMSON USA, Baytown, TX, established in 1992  
Total plot and production area: 20,000 m<sup>2</sup>
- SAMSON China, Beijing, established in 1998  
Total plot and production area: 47,000 m<sup>2</sup>
- SAMSON India, Pune district, established in 1999  
Total plot and production area: 28,000 m<sup>2</sup>
- SAMSON Russia, Rostov-on-Don, established in 2015  
Total plot and production area: 24,000 m<sup>2</sup>
- SAMSON AIR TORQUE, Bergamo, Italy  
Total plot and production area: 27,000 m<sup>2</sup>
- SAMSON CERA SYSTEM, Hermsdorf, Germany  
Total plot and production area: 14,700 m<sup>2</sup>
- SAMSON KT-ELEKTRONIK, Berlin, Germany  
Total plot and production area: 1,100 m<sup>2</sup>
- SAMSON LEUSCH, Neuss, Germany  
Total plot and production area: 18,400 m<sup>2</sup>
- SAMSON PFEIFFER, Kempen, Germany  
Total plot and production area: 20,300 m<sup>2</sup>
- SAMSON RINGO, Zaragoza, Spain  
Total plot and production area: 19,000 m<sup>2</sup>
- SAMSON SED, Bad Rappenau, Germany  
Total plot and production area: 10,400 m<sup>2</sup>
- SAMSON STARLINE, Bergamo, Italy  
Total plot and production area: 27,000 m<sup>2</sup>
- SAMSON VDH PRODUCTS, the Netherlands  
Total plot and production area: 12,000 m<sup>2</sup>
- SAMSON VETEC, Speyer, Germany  
Total plot and production area: 27,100 m<sup>2</sup>

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