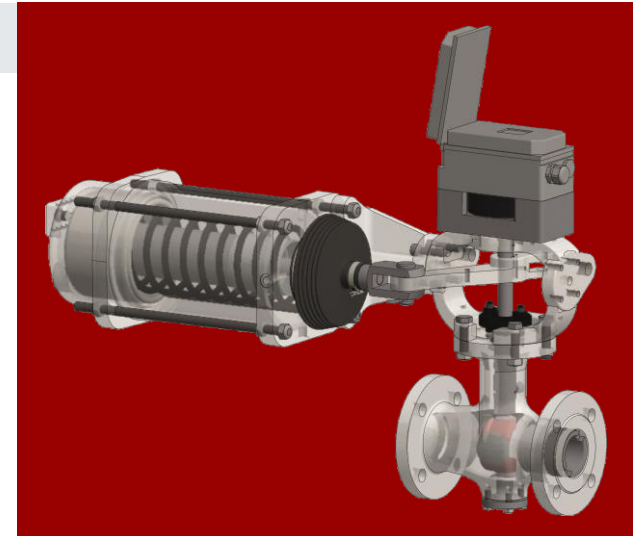# SAMSON VETEC

➢ Focus Applications

➢ Portfolio Overview

➢ Industry / Application

Focus Applications

Used for highly abrasive & erosive media

– Oil sand

– Oil from wellhead

– Gas from wellhead

– Quench oil

– Limewater

– Polysilicon

– Titanium dioxide powder

Used for severe media & special applications

– Oxygen

– Hydrogen

– Chlorine

– Phosgene

– Anti Surge Valves

Used for highly viscous media

– Bitumen

– Crude Oil

Focus Industries

Focus Industries

– Oil & Gas,

– Refineries & Petrochemical

– Chemical

– Metallurgy, Mining & Steel Plants

– Water treatment & Desalination

– Food & Beverages

– District Energy

– Marine Equipment

Main Features

– High volume flow vs. size

– Superior rangeability

– Excellent control behavior

– Extreme low susceptibility to dirt and particles

– Extensive product portfolio up to NPS 24 and CL 2500

Your partner for any kind of requirements

STANDARDS

MATERIALS

APPLICATIONS

NPS CLASS	1	1 ½	2	3	4	6	8	10	12	14	16	20	24	28
150														
300			Covered by competition											
600														
900			VETEC STANDARD PORTFOLIO											
1500			VETEC ENHANCED PORTFOLIO											
2500														

ON REQUEST

Industry/Application

Oil & Gas, Refineries & Petrochemical

- Dirty media, including hard solids (e. g. oil or gas from wellhead and oil sand)

- High viscous media (e. g. crude oil)

- High rangeability (e. g. due to decreasing wellhead pressure over lifetime or for metering skids)

- High volume flow vs. size

Chemical

- Highly abrasive & erosive media (e. g. Quench oil, Polysilicon, Limewater, Titanium dioxide powder)

- Severe service applications (e. g. Chlorine, Phosgene, Oxygen, ...)

- High volume flow vs. size including applications that require a high rangeability
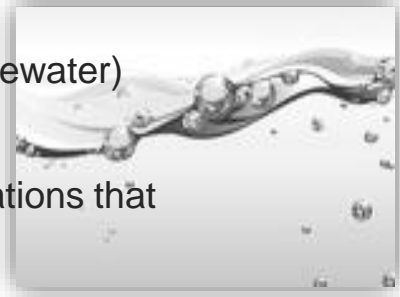
Steel

- Highly abrasive & erosive media (e. g. Limewater)

- Valves for Oxygen Service

- High cycle gas injection (> 1 MM cycles per year)

- Steel degassing (vacuum pump control)

Water

- Highly abrasive & erosive media (e. g. Limewater)

- Desalination plants

- High volume flow vs. size including applications that require a high rangeability

- District Energy

Food & Beverages

- Highly abrasive & erosive media (e. g. Sugar beets plus sand, Limewater)

- High volume flow with a high rangeability (e. g. filling and cleaning of bottles)