





SECTION 3.9_KSFF


FLAME ARRESTER EXPLOSION PROOF END-LINE

INTRODUCTION

 **The model KSFF** is designed, manufactured, tested according to API 2000 & BS 7244 / ISO 16852. Installed in the end of nozzle of the several kinds of the flammable low pressure storage tank (the ignition point below 65 °C) with easy coupling, it is the explosion proof and deflagration proof which blocks the influx of flame ignited externally into the tank.

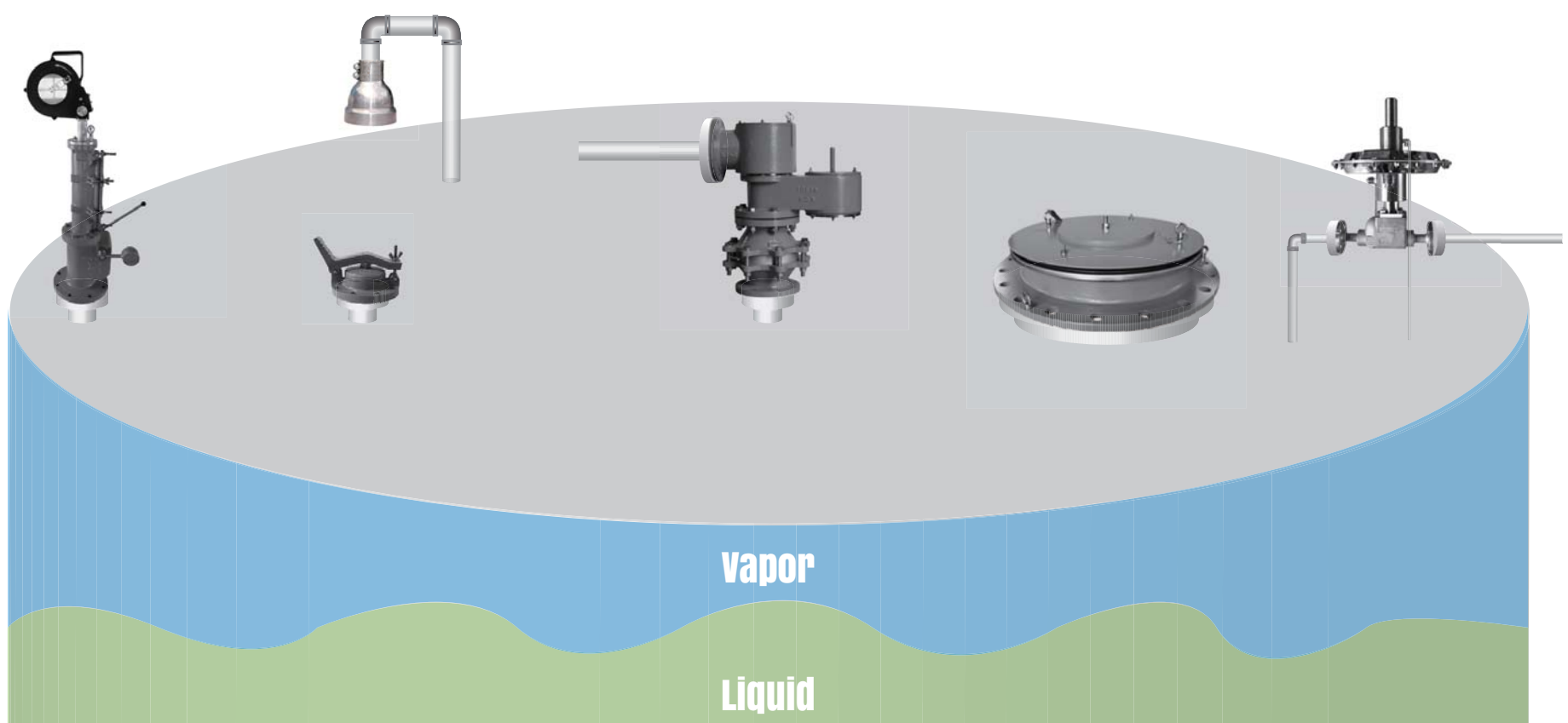
 **Body Materials** Stainless Steel with various trims(Different materials available on request)

 **Sizes range** DN 25 ~ DN 100 with ANSI 150lb flanges(Different connections available on request)

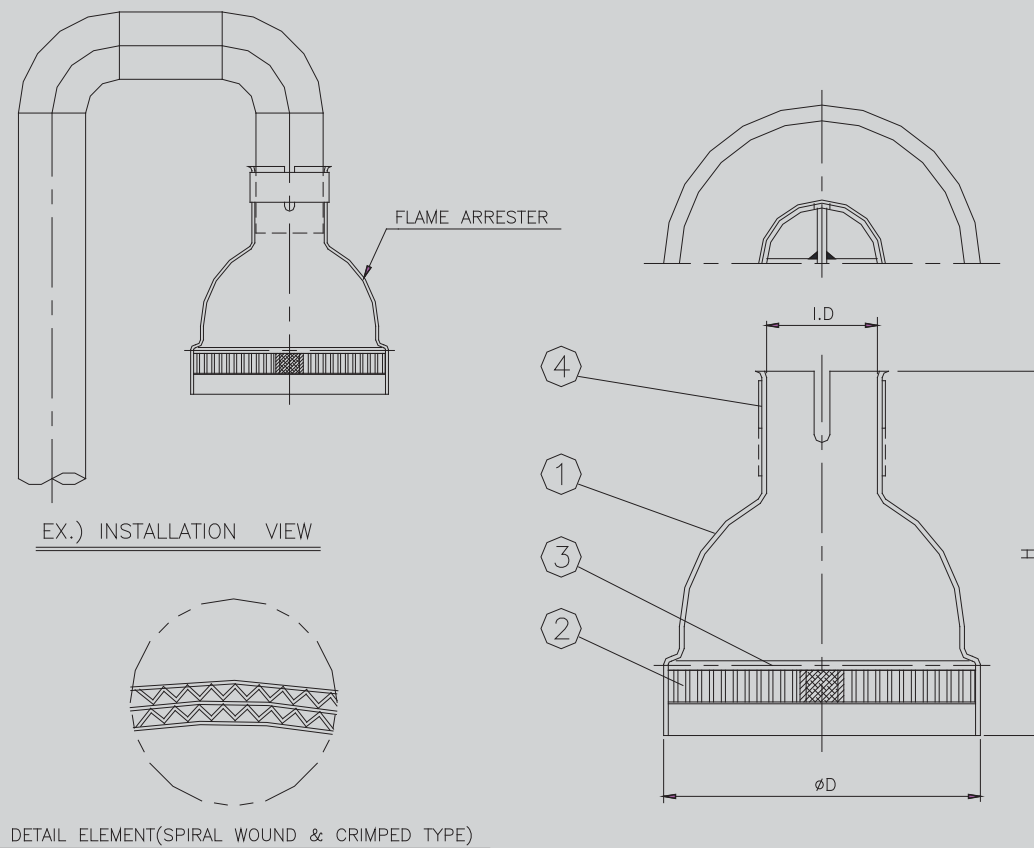
 **Rules & Certifications** API 2000, BS7244, and ISO 16852
Flame cell : NEC group D or IEC IIA Gases(Other gas groups all available as extras)

 **Optimum / Optional Design & Arrangements** Stem Jacket type, Steam Tracing type

APPLICATION



OUTLINE DRAWING



KSFF

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KSFF

DIMENSION TABLE

SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
N.D	15	20	25	32	40	50	65	80	100
I.D	27	27	35	44	49	61	77	90	115
D	100	100	100	100	100	100	169	169	207
H	115	115	115	115	115	115	170	170	210

NOTE Standard Connection(ANSI 150LB flange) and JIS or different types are available upon request.

COMPONENT MATERIAL

ITEM NO	COMPONENT	SS304	SS316	SS316L
1	BODY	SS304	SS316	SS316L
2	ELEMENT	SS316L	SS316L	SS316L
3	ROUND BAR	SS304	SS304	S.S
4	BEND	SS304	SS304	S.S
STANDARD PAINTING		IN-OUT SIDE EPOXY 150 MICRON WITHOUT S.S & AL PART.		

NOTE S.S – Stainless Steel

MAINTENANCE

- ⚠ Periodic inspection and maintenance is required. The cell assembly can be removed for cleaning purposes.
- ⚠ Cleaning can be accomplished by dipping the entire cell assembly into an appropriate solvent.
- ⚠ Care should be taken not to damage the cell openings as such deformations hamper the flow through the cell.
- ⚠ The gaskets should be inspected and replaced if necessary.