




SECTION 5.4_KSSD-A

SLOT DIPPING DEVICES

INTRODUCTION

 **The model KSSD-A** is designed for gauging the height of liquid levels, measuring the depth of water bottoms, taking temperature, and taking sample of liquids held in storage tank, without relieving pressure within the tank. It avoids the loss of valuable vapors, and exposing the gauger to excessive fumes. Quick opening valve unit is opened and closed simply by moving a lever through a 90° arc.

A by-pass is provided to equalize in the tank and sampling chamber unit, if this should be necessary for easy opening. The window in the top cover of the gauging unit can be provided with an inside wiper, to insure clear vision of the gauge taper, and to permit the taking of accurate reading.

Installation

- 1 Mount the KSSD-A Series Sampling Device on 4" - 10" flange roof nozzle.
- 2 Attach the gauging bob or sampling bottle to the swivel snap inside the sampling chamber unit.
- 3 Check the distance from the bottom of the bob to a point above the snap on the tape to make certain a correct reading is obtained.

Operation

- 1 Mount the Gauging the depth of the product.
- 2 Taking a sample at any level.
- 3 Measuring the product temperature simply with Accessories.

APPLICATION





OUTLINE DRAWING

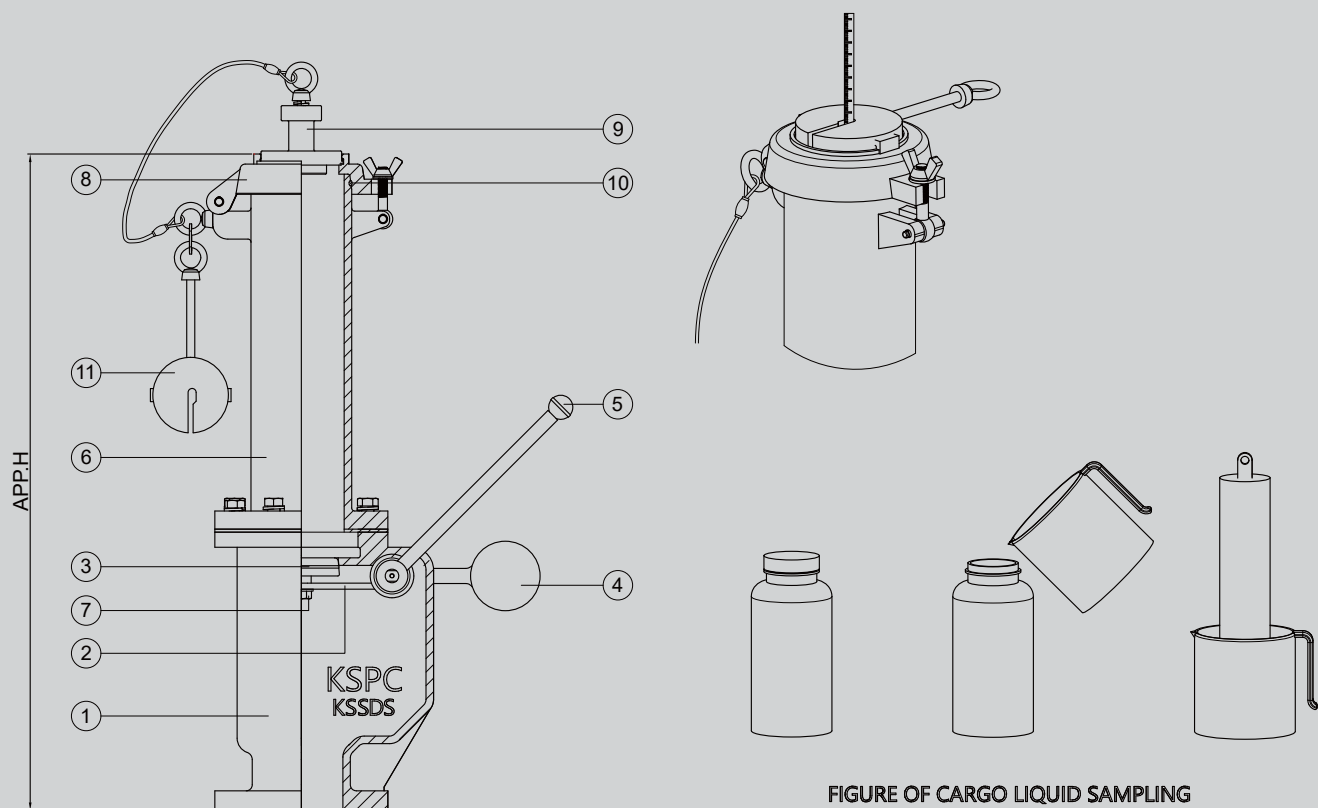


FIGURE OF CARGO LIQUID SAMPLING



DIMENSION TABLE

SIZE	4"	6"	8"	10"
N.D	100	150	200	250
App. H	865	867	870	877
O.D	229	279	343	406
P.C.D	190.5	241.3	298.4	361.9

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



COMPONENT MATERIAL

ITEM NO	COMPONENT	BODY	ALUMINIUM	CARBON STEEL	STAINLESS STEEL
		TRIM	SS304	SS304	SS304
1	LOWER BODY		B26-319.F	A216-WCB	A351-CF8
2	PALLET ASSEMBLY		SS304	SS304	SS304
3	O-RING		VITON (NOTE)		
4	UPPER BODY		B26-319.F	A216-WCB	A351-CF8
5	SLOT COVER		B26-319.F	A216-WCB	A351-CF8
6	GATE CAP		SS304	SS304	SS304
7	SAMPLE SLOT		SS304	SS304	SS304
8	COUNTER WEIGHT		A351-CF8	A351-CF8	A351-CF8
9	PALLET OPERATING HANDLE		SS304	SS304	SS304
10	HANGER BOLT		SS304	SS304	SS304
11	EYE NUT		SS304	SS304	SS304

NOTE Other materials are available upon request.

