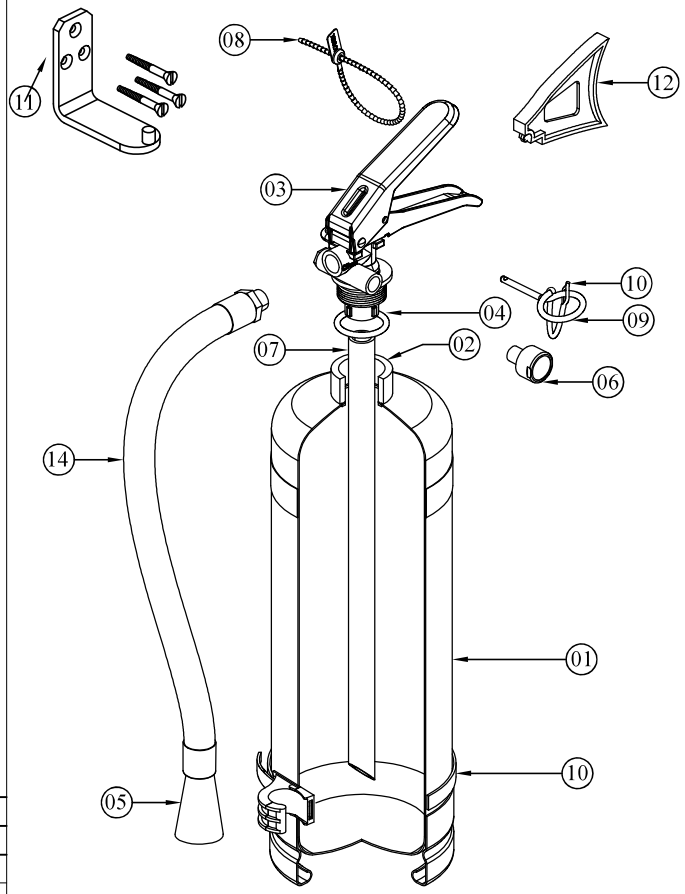
MODEL NO:-KCASSHQ-2-FE36



DESIGN DATA

Sr.No	PARTICULARS	DESCRIPTION
01	Capacity	2 kg (±5% by mass)
02	Temprature range	-30°C to +55°C
03	Service pressure	10 bar
04	Maximum service Pressure	15 bar
05	Pressure test (PT)	35 bar (3.5 MPa)
06	Minimum Burst Pressure Test(PB)	55 bar (5.5 MPa)
07	Burst pressure of hose	Not less than 35 bar (3.5 MPa)

PERFORMANCE PARAMETERS

01	Effective discharge time	Min. 9 Sec
02	Bulk range of discharge	Minimum : 3 meter
03	Percentage of discharge	Not less than 96%
04	Fire Rating	1A : 21B

MARKING	**AS PER IS:15683-2006**
APPROVAL	**BIS - ISI MARKED**

Sr.No	Item Description	Materials of Constructions
13.	Extinguishing medium	Clean Agent FE36 Gas
12.	lever lock	Plastic
11.	Wall bracket with Screw	Mild steel (Powder coated)
10.	Safety pin Holder	Rubber/Soft pvc
09.	Safety pin	S.S.
08.	Seal	Plastic
07.	Siphone tube	PVC
06.	Pressure gauge /Indicator	As per IS 15683:2006
05.	Discharge nozzle	Aluminium/PVC
04.	"O" Ring	Nitryle Rubber
03.	Valve	S.S.
02.	Neck ring	S.S.304
01.	Body	S.S.304 (Made up of 1mm)

DESIGN CALCULATION

Formula :S=(D/600)+k
Where S=Thickness, D=Diameter
k=coefeecient to 0.3
S=(110/600) + 0.3 = 0.23+0.3=0.48 mm
Design Thickness S=0.48mm.
Actual Thickness shall not less than 0.64mm
There for the Actual Thickness = Made of 1mm

Date	Rev.Dt	Description				
00.00.00	00.00.00		APP'D	A.Shah		04.11.16
00.00.00	00.00.00		CHK'D	Naresh		04.11.16
00.00.00	00.00.00		DR'N	RNG		04.11.16

KANEX
KANADIA FYR FYTER PVT.LTD
(AN ISO-9001-2008 CERTIFIED CO.)
PLOT NO - 7, PARAS IND. ESTATE. NEAR GARIBSHA PIR, SIHOR -364 240 .(GUJ.) e-mail: tech2@kanexfire.com

CLIENT:

CONTRACTOR:

PO NO.:

PROJECT:

TITLE : CLEAN AGENT FE36 2 KG FIRE EXTINGUISHER

Scale: NTS
Project:

GAD NO.: KFPL/GAD/KCAHQSS-2-FE36

Sheet: 3 of 3
REV.: 00

SIZE - A4