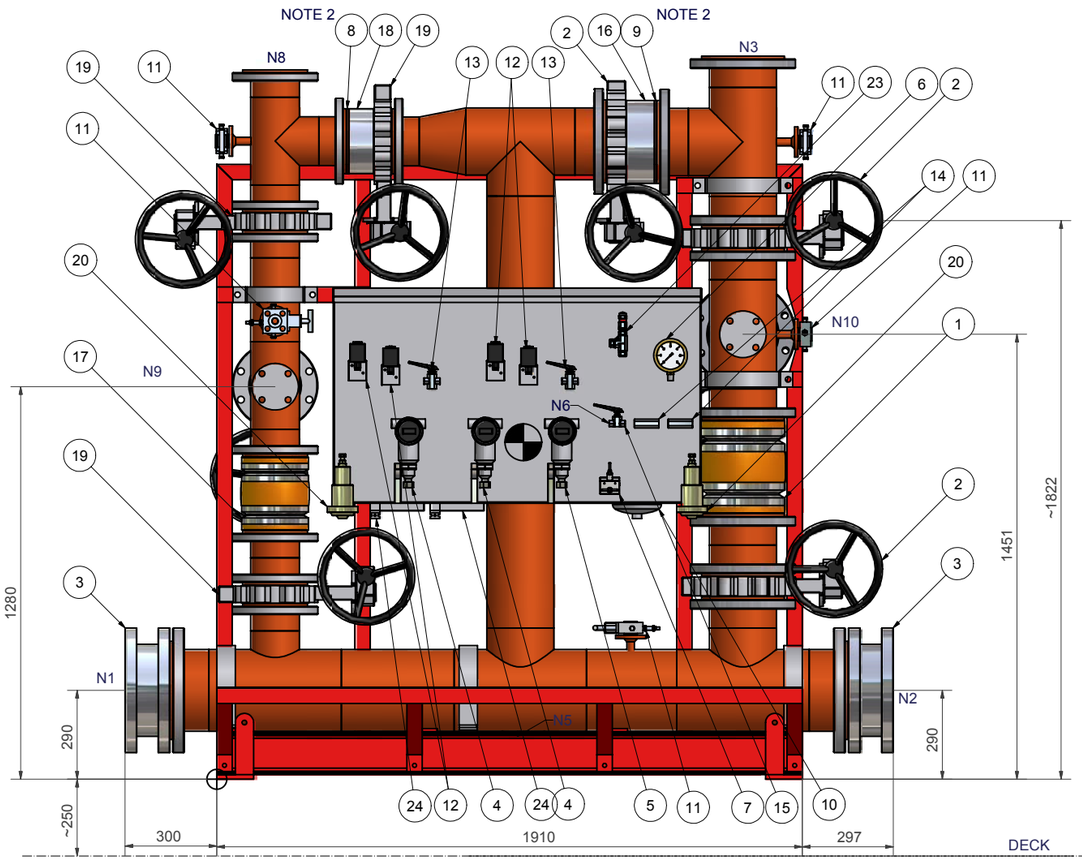
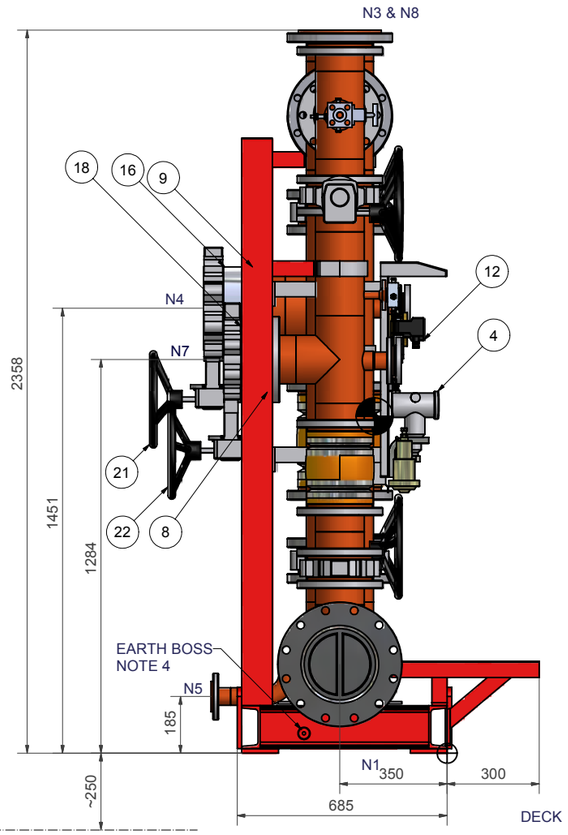
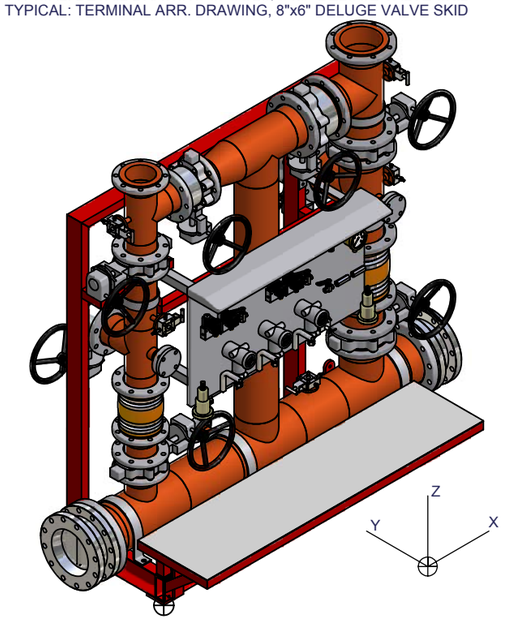




REFERENCE DOCUMENTS:

TYPICAL: P&ID DRAWING, 8"x6" DELUGE VALVE SKID
TYPICAL: DETAIL DRAWING SPOOLS, 8"x6" DELUGE VALVE SKID
TYPICAL: TERMINAL ARR. DRAWING, 8"x6" DELUGE VALVE SKID



CENTER OF GRAVITY:

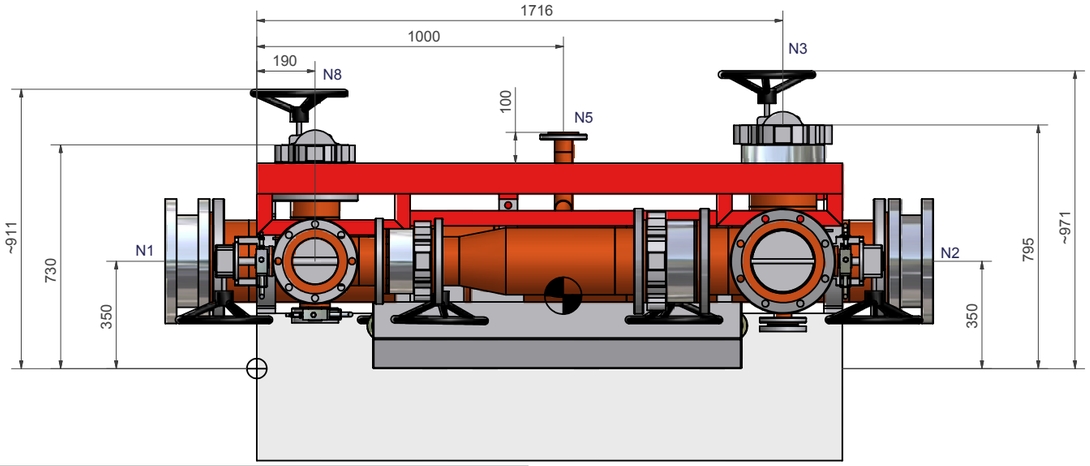
X-axis = 1000 mm
Y-axis = 380 mm
Z-axis = 1100 mm

WEIGHTS:

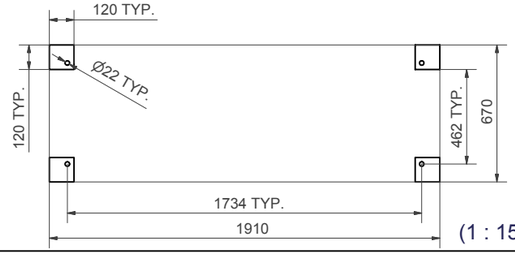
DRY:	1400 Kg
STAND BY:	1550 Kg
OPERATING:	1650 Kg

MATERIALS:

Main Piping:	CuNi 90/10, Backing flange to be hot dip galv. & painted
Frame:	Carbon Steel, Painted acc. to AS2700, Signal red



FOOTPRINT DETAIL



PARTS LIST			
ITEM	QTY	DESCRIPTION	MATERIAL
1	1	8" DELUGE VALVE	Al.BRONZE, BS1400 AB2
2	3	8" BUTTERFLY VALVE WITH GEAR	NOTE 7
3	2	10" CHECK VALVE	Al.BRONZE, BS1400 AB2
4	2	PRESSURE INDICATOR TRANSMITTER	HASTELLOY C
5	1	PRESSURE INDICATOR TRANSMITTER	SS 316
6	1	PRESSURE GAUGE	MONEL K400
7	1	BLOCK & BLEED VALVE	SS 316
8	2	6" ORIFICE PLATE	CuNi 90/10
9	2	8" ORIFICE PLATE	CuNi 90/10
10	1	6 LITRE AIR TANK	SS 316
11	5	3/4" MONOFLANGE BLOCK & BLEED	MONEL K400
12	4	SOLENOID VALVE	SS 316
13	2	1/2" 3-WAY BALL	SS 316
14	2	1/2" CHECK VALVE	SS 316
15	1	1/2" BALL VALVE	SS 316
16	2	8" SPACER	Al.BRONZE, BS1400 AB2
17	1	6" DELUGE VALVE	Al.BRONZE, BS1400 AB2
18	2	6" SPACER	Al.BRONZE, BS1400 AB2
19	3	6" BUTTERFLY VALVE WITH GEAR	NOTE 7
20	2	PILOT VALVE	Al.BRONZE, BS1400 AB2
21	1	8" BUTTERFLY VALVE WITH GEAR, FIRE SAFE	NOTE 1
22	1	6" BUTTERFLY VALVE WITH GEAR, FIRE SAFE	NOTE 1
23	1	PRESSURE RELIEF VALVE	SS 316
24	2	JUNCTION BOX	SS 316

NOZZLE SCHEDULE				
NOZZLE	SERVICE	SIZE	RATING	SPEC.
N1	Firewater supply, inlet	DN 250	ANSI B 16.5 Cl.150, FF	01K1
N10	Flush connection, inlet	DN 50	ANSI B 16.5 Cl.150, RF	01K1
N2	Firewater supply, inlet	DN 250	ANSI B 16.5 Cl.150, FF	01K1
N3	Firewater outlet	DN 200	ANSI B 16.5 Cl.150, RF	01K1
N4	Test line,outlet	DN 200	ANSI B 16.5 Cl.150, FF	01K1
N5	Skid drain, outlet	DN50	ANSI B 16.5 Cl.150, RF	01K1
N6	Istrument air supply, inlet	1/2" NPTM		
N7	Test line,outlet	DN 150	ANSI B 16.5 Cl.150, FF	01K1
N8	Firewater outlet	DN 150	ANSI B 16.5 Cl.150, RF	01K1
N9	Flush connection, inlet	DN 50	ANSI B 16.5 Cl.150, RF	01K1

NOTES:

1. DELETED
2. ORIFICE TO BE MARKED WITH TAG. NO, SIZE, BORE AND MATERIAL
3. SKID / FRAME TO BE BOLTED TO FOUNDATION WITH 4 x M20 BOLTS
4. TWO EARTH TERMINALS TO BE LOCATED DIAGONALLY OPPOSITE EACH OTHER
5. DELETED
6. PLATFORM FOR VALVE ACCESS, TO BE BOLTED TO FRAME WITH 8x M12 BOLTS
7. NONE-FIRE SAFE BUTTERFLY VALVE, MATERIAL:

   BODY: ASTM A216 WCB
   DISC/SEAT & STEM: TITANIUM ASTM B348 GR.2

TYPICAL

Rev.	Issue Date	Reason for issue/revision	Executed by	Checked by	Approved by

Tag No. | Inquiry No.
Drwg. Size: A1 | Scale

INMACO

Title: GENERAL ARRANGEMENT DRAWING 8"+6" DELUGE VALVE SKID TYPICAL

Projection | of

Drwg. No.: Typical 8+6in.idw | Rev.No.