

# University of Macau project

## Project nature and name

Engineering property: ventilation engineering, university of macau  
Project name: ventilation project on the 8th floor of N22, university of Macau

## Project site

Project location: Macao

## Project background

Commissioned by the project, we provide our latest PPS flame retardant materials for the school ventilation system. We provide PPS ventilation system accessories such as duct, elbow, wind valve and so on. PPS flame retardant material is used to ensure that the school's ventilation system can be safer for fire fighting. PPS material is anti-corrosion and anti-aging, which reduces the cost and increases the service life.

## Design basis

- (1) environmental protection law of the People's Republic of China;
- (2) emission standards for waste gas and pollutants (gb14554-93);
- (3) comprehensive emission standards for air pollutants (gb16297-1996);
- (4) code for power supply and distribution system design gb50052-2009;
- (5) noise standards for industrial enterprises (12348-2008);
- (6) code for design of building water supply and drainage;
- (7) basic materials such as eia report and site layout provided by the construction party.

## List of main equipment and materials

序號	彎頭	數量(個)	Mark and number	Model name	Description	Qty (pc)
1	Φ110 90°	20	1	彎頭	Φ110 90°	34
2	Φ160 90°	22	2	彎頭	Φ110 45°	8
3	Φ160 45°	6	3	彎頭	Φ160 90°	4
4	Φ200 90°	14	4	彎頭	Φ160 45°	6
5	Φ200 45°	4	5	彎頭	Φ200 90°	14
6	Φ250 90°	5	6	彎頭	Φ200 45°	4
7	Φ315 90°	43	7	彎頭	Φ250 90°	7
8	Φ315 45°	20	8	彎頭	Φ250 45°	12
9	Φ355 90°	1	9	彎頭	Φ315 90°	38
10	Φ400 90°	3	10	彎頭	Φ315 45°	8
11	Φ450 90°	7	11	彎頭	Φ355 90°	1
12	Φ600 90°	5	12	彎頭	Φ400 90°	3
總價(人民幣) :			13	彎頭	Φ450 90°	7
1	Φ110	29	14	彎頭	Φ600 90°	5
2	Φ160	43	15	大小頭	Φ200-Φ160	1
3	Φ200	26	16	大小頭	Φ250-Φ200	8
4	Φ250	14	17	大小頭	Φ200-Φ110	14
5	Φ315	95	18	大小頭	Φ250-Φ110	4
6	Φ355	6	19	大小頭	Φ315-Φ250	2
7	Φ400	14	20	大小頭	Φ315-Φ200	2
8	Φ450	28	21	大小頭	Φ400-Φ315	2
9	Φ550	1	22	大小頭	Φ600-Φ400	1
10	Φ600	9	23	大小頭	Φ450-Φ315	4
總價(人民幣) :			24	大小頭	Φ600-Φ450	1
序號	三通	數量(個)	25	大小頭	Φ550-Φ450	1
1	Φ550-Φ355-Φ550	1	26	大小頭	Φ315-Φ200	1
2	Φ450-Φ315-Φ450	7	27	大小頭	Φ355-Φ250	1
3	Φ200-Φ160-Φ200	4	28	風管	Φ110	36
4	Φ200-Φ110-Φ200	10	29	風管	Φ160	36
5	Φ315-200-315	3	30	風管	Φ200	26
6	Φ250-160-250	3	31	風管	Φ250	47
7	Φ250-200-250	2	32	風管	Φ315	74.5
8	Φ600-355-600	1	33	風管	Φ355	6
9	Φ600-315-600	3	34	風管	Φ400	14
10	Φ600-400-600	1	35	風管	Φ450	28
11	Φ400-400-315	1	36	風管	Φ550	1
12	Φ400-400-315	2	37	風管	Φ600	9
13	Φ400-200-400	1	38	三通	Φ550-Φ355-Φ550	1
14	Φ315-110-315	3	39	三通	Φ450-Φ315-Φ450	4

## The implementation of the site

