

```
In [3]: m_NOx=1.5;
m_HC=2.0;
m_CO=20.0;
m_f=120.0;
m_a=14.6*m_f;
m_tot=m_f+m_a;

w_NOx=30.0
w_HC=13.87
w_CO=30.01
w_tot=28.0

x_NOx=m_NOx/m_tot; print "x_NOx= ", x_NOx;
x_HC=m_HC/m_tot; print "x_HC= ", x_HC;
x_CO=m_CO/m_tot; print "x_CO= ", x_CO;
print "";

ppm_NOx=x_NOx*w_NOx/w_tot; print "ppm_NOx= ",ppm_NOx;
ppm_HC=x_HC*w_HC/w_tot; print "ppm_HC= ",ppm_HC;
ppm_CO=x_CO*w_CO/w_tot; print "ppm_CO= ",ppm_CO;

x_NOx= 0.000801282051282
x_HC= 0.00106837606838
x_CO= 0.0106837606838

ppm_NOx= 0.000858516483516
ppm_HC= 0.000529227716728
ppm_CO= 0.0114507020757
```

In [ ]: