



PROGREEN

Green lifestyle is an attitude



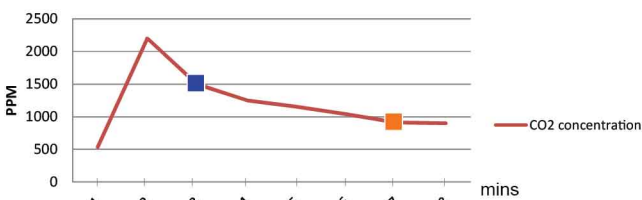
Gold Award in ITEX 2013
(International Invention & Innovation Exhibition)



Best Green Invention
by 'The Japan Intellectual Property Association'

CAR EXHAUST EMISSION MONITORING WITH PROGREEN INSTALLATION

CO₂ concentration vs BAE Progreen installation (time)

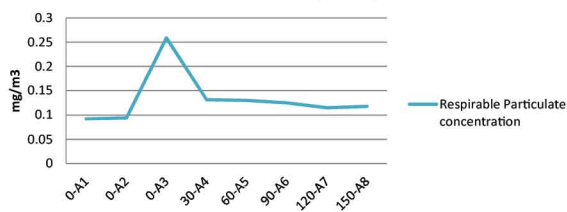


31%
CO₂ emission is reduced by 31% immediately after installation of PROGREEN

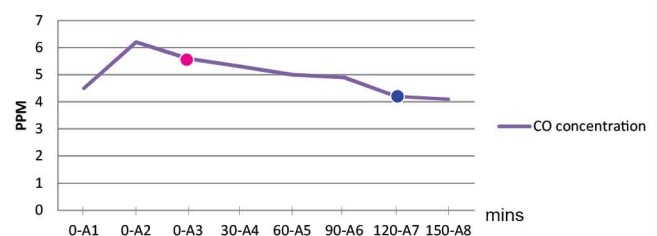
58%
CO₂ emission is reduced by 58% after installation of PROGREEN

After the installation of BAE Progreen the level of CO₂ emission is reduced to almost 31% immediately whereas after almost two hour of BAE Progreen installation in the vehicle it was found that the level of CO₂ emission from car exhaust is reduced to almost 58% from the original value compared to before the installation of BAE Progreen and the level of CO₂ emission is stabilized after 150 min after installation of BAE Progreen.

Respirable Particulate vs BAE Progreen installation (time)



CO concentration vs BAE Progreen installation (time)



9.6%
CO emission is reduced by 9.6% immediately after installation of PROGREEN

32%
CO emission is reduced by 32% after installation of PROGREEN

Immediately after the installation of BAE Progreen the level of CO emission is reduced to almost 9.6%, and after almost two hours of BAE Progreen installation in the vehicle it was found that the level of CO emission from car exhaust is reduced to almost 32% from the original value compared to before the installation of BAE Progreen and the level of CO emission is stabilized after 150 min after installation of BAE Progreen.

After the installation of BAE Progreen the level of Respirable Particulate emission is increased to 175% immediately whereas after 30min of BAE Progreen installation in the vehicle it was found that the level of Respirable Particulate emission from car exhaust is reduced to almost 49% from the original value. Level of Respirable Particulate emission is reduced and stabilized to 55% from the original value after 120 min of installation of BAE Progreen.

Results indicate that BAE PROGREEN is effective in reducing the CO₂, CO and Respirable Particulate in the vehicle exhaust.