

計畫名稱：機車排氣分析儀巡迴查核檢校

計畫編號：EPA-92-1601-02-01

執行單位：瑩諮科技股份有限公司

計畫主持人：余忠賢

計畫執行期程：九十二年四月一日至九十二年十二月三十一日止

計畫經費：新台幣610萬元整

執行摘要：

台灣有著相當高的車輛密度，尤其在都會區中機動車輛已超越工業製造成為污染源之首，因此對使用中車輛加強稽查取締及推動車輛定檢，為主管單位近年來之重點工作；本計畫為維持環保署認可定檢站之檢測品質，確保檢驗數據之準確性與精確性，以提昇政府檢驗之公信力。本計畫於期程間內完成全國約1900台分析儀之標準氣體查核，隨即進行流量確認、漏氣檢查、全幅點氣體比對、再現性檢查及線性檢查，另外進行定檢站使用標準氣體比對與查核不合格站增加複檢頻率查核。查核不符合標準時，將於檢校完成起一週內，完成複檢工作；並就查核、檢校結果進行統計分析提出結論與建議，作為環保署管理定檢站檢測品質的參考。

There are have very high automobile population in Taiwan, and vehicle's emission become major pollutant source in urban, therefore, Enhance audit used vehicle and conduct inspection annually are most important works to do by government recently. This project is for the purpose of keeping a well inspection quality to vehicle emission inspection station. Making sure all test results are under good accuracy and precision, and improve government's public reliability.

1900 vehicle emission analyzers will be audited and calibrated during project period. The calibration items include flow check, leak test, ZERO/SPAN calibration, repeatability test and linear test. Besides of these jobs, comparing standard gas concentration used in stations and increasing the disqualification stations re-audit frequency are also very important jobs in this project. If audit deviation is over criteria, there will be re-audit in a week. After audit completed, there are some conclusions and suggestions to government for management these testing stations.