

## 摘 要

九十一年度南區毒災應變諮詢中心計畫的工作目標為提供環保署、南區各縣市環保局、政府單位與業者二十四小時毒災事故到場緊急應變諮詢，及善後技術指導，以降低毒化物事故災害的影響；並提供各單位毒化物相關資訊的一般諮詢，及協助環保局辦理無預警測試、重組南區專家群等。

南區毒災應變諮詢中心自民國 91 年 2 月開始承接本計畫至 12 月底計畫執行期間，在 24 小時重大毒災事故到場緊急諮詢服務項目，執勤次數共計 13 次，出動人員共計 39 人/次。一般毒化物相關諮詢項目共計 14 次。

活動方面，由於南區毒災應變諮詢中心成立不久，為讓廠商了解並能善加利用中心資源，故針對各縣市毒化物運作廠商於在 1 月 14 日、2 月 27 日、4 月 2 日、4 月 23 日、6 月 10 日舉辦『南區毒災應變諮詢中心觀摩說明會』，共計 5 次；來賓人數總計達 400 人以上。而在 4 月 30 日針對轄區內相關行政機關如縣市環保局、消防局及軍事單位為對象，舉辦了 1 次『動員講習』，與會人士共計 42 人。另外，中心又於當日下午各別與環保單位單獨舉辦一場『南區毒化物運作廠商無預警測試研討會』，討論南區負責 30 場次無預警測試的分配及測試方法，以及聯防小組重新分組之方式與問題。

此外，本中心還分別於在 91 年 7 月 11 日及 11 月 19 日舉辦二次『南區聯防小組組訓』，其邀請對象為南區聯防小組成員、南區各縣市之環保局人員及環保署人員。在第一次組訓中參加人數總計 120 人，中心利用此次組訓匯集了大部分聯防小組廠商的機會，設計了一份問卷調查，此問卷調查主要目的為統計廠商對聯防小組重新分組方式的意見，作為本中心重組聯防小組的參考資料，以及統計廠商對於簽訂共同互救協定的意願；在 91 年 11 月 19 日舉辦『南區聯防小組第二次組訓』，參加人數總計 149 人，除了設計對於中心成立以來滿意度之問卷；經第一次組訓問卷統計結果，廠商簽定共同互救協定意願甚高，中心並於第二次組訓前先將簽訂共同互救協定書，寄至南區聯防小組組員並於組訓當日收回。

在重組南區專家群項目，除了沿用部分原有的南區專家顧問群外，為讓整體顧問團隊之架構更為完善，中心選擇之對象來自各個領域，包含了學術界、醫學界及產業界等數位專家，共計 14 人。為使專家們能更清楚本中心之運作宗旨及專家本身之權利與義務，並於 91 年 10 月 1 日舉辦「南區專家研

討會」。

在本計畫中，南區負責協助轄區內地方環保機關規劃運作毒性化學物質工廠的無預警測試共為 30 場次，已於 91 年 10 月中旬完成南區各縣市之運作毒化物工廠之測試。

在南區所負責更新緊急應變卡、災害防救手冊、物質安全資料表中列管編號 1~54 號之毒化物，已完全更新完畢，並製作成光碟以提供環保署彙整。

在規劃建置轄區內毒化物運作廠商基本資料項目中，中心已將南區所有廠商之詳細資料收集完畢。在計畫中，環保署要求製成書面應變資料以提供查詢使用。本中心為使其查詢更為快速而有效率，優先將南區所有廠商資料製作成一有系統之資料庫，放置於本中心的網站中，只要輸入帳號及密碼即可在任何有網路的地方查詢到資料。

在電話諮詢人員訓練教材項目，以計畫中之指定項目為主軸，將教材編製成了八大章節，已於 11 月底前完成整個教材之編撰。

南區毒災應變諮詢中心將本著「專業」、「服務」、「技術」、「信任」的信念，持續提供對環保單位與廠商的服務，並朝永續經營的方向繼續努力以赴。

## **Abstract**

The 2002 project for EPA/NKFUST southern center for emergency response of toxic substance (ENSERT) aims to provide the Environmental Protection Agency (EPA), local environmental protection bureaus, and toxic substance operating facilities twenty-four, hours on-site emergency response information and technical guidance for after-emergency clean-up such that the impact of toxic substance incident can be minimized. The center also provides non-emergency information service, assisting local environmental protection bureaus to reduce the occurrence of incidents involving toxic substances.

The center has performed a total of 13 emergency on-site services. 39 man-times were called during these on-site services. In addition, 14 non-emergency services are also provided. These services were greatly appreciated by the local EPA and the toxic substance operating facilities.

The center also held five “ENSERT Introduction Workshop” on January 14, February 27, April 2, April 23 and June 10. Total attendees exceeded more than 400. On April 30, the center also held a “Joint Involvement Workshop” for administration bureaus such as local EPA, local fire brigade, and military units. 42 persons were attended.

The center also held two “Joint Response Team Member” training courses on July 11 and November 19. The first course has attendees of 120 while the second course has attendee of 149. During the first course, a survey was made on signing of a “mutual equipment aids agreement”. All operating facilities signing the agreement will agree to provide response equipment to those needed facilities. More than 95% facilities agreed to sign the agreement. The agreement was subsequently finalized and sends to all the facilities. Most of the agreements were signed and return to the center on the second training course.

The center also reorganized the members of the expert advisory board. The members now include 14 specialists from academic, medical, and operating facilities. A specialist meeting was also held on October 1.

The center also assist the local EPA in performing 30 non-alerting tests on toxic substance operating facilities to raise the awareness and preparedness in case of a toxic substance incident.

The center also in charge of revising the HAZMAT cards, toxic substance disaster prevention manual, and MSDS for listed toxic substances number 1 to 54. All the information was revised and a CD was prepared for the EPA.

The center also in charge of collecting the information of toxic substance operating facilities. The information collected includes basic operating process information, site layout, response equipment, the person in charge, and contact information. The information was built into a database and put on the web. All necessary parties can login and perform searches.

The center is also in charges of preparing course materials for first-level

responders. A total of eight chapters of the course has been written and compiled.

“Professional”, “Service”, “Technical”, and “Trustworthy” are four basic beliefs for the ENSERT. The center will continue to provide the EPA and operating facilities better services and work hard towards an sustainable development center.