

# Supplementary Materials: Low-Dose Benzene Exposure Monitoring of Oil Refinery Workers: Inhalation and Biomarkers

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UNIVERSITÀ DEGLI STUDI FIRENZE  
DIPARTIMENTO DI MEDICINA SPERIMENTALE E CLINICA

BIOLOGICAL MONITORING OF THE PROFESSIONAL EXPOSURE TO BENZENE  
QUESTIONNAIRE

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SAMPLE N° \_\_\_\_\_  
SAMPLING DATE: / / \_\_\_\_\_

**Personal data and worker employment data:**

FIRST NAME: \_\_\_\_\_ LAST NAME: \_\_\_\_\_ DATE OF BIRTH: / / \_\_\_\_\_  
 GENDER (M or F) \_\_\_\_\_ BODY WEIGHT (kg) \_\_\_\_\_ HEIGHT (cm) \_\_\_\_\_  
 TASK: \_\_\_\_\_ AREA: \_\_\_\_\_  
 INDIVIDUAL PROTECTION DEVICES CURRENTLY IN USE:  
 NO   
 YES  SPECIFY WHICH:  GLOVES  MASK  BOOTS  WAIVED SUIT/LAB COAT  
 OTHER (TO SPECIFY): \_\_\_\_\_

**Unnecessary habits and other exposure conditions:**

> SMOKE:  NO  YES IF YES, TO SPECIFY THE NUMBER OF CIGARS/CIGARETTES DURING THE WORKSHIFT N \_\_\_\_\_ TYPE \_\_\_\_\_ FOR A TOTAL PER DAY OF N \_\_\_\_\_ APPROXIMATELY.

> PASSIVE SMOKE EXPOSURE:  NO  YES

> STOPOVER IN FUEL REFUELING STATIONS (in the last 48 hours):  NO  YES

IF YES TO SPECIFY:  REFUELING SERVED  SELF REFUELING  ONLY STOPOVER

FUEL TYPE:  PETROL  DIESEL  LPG  METHANE

**Taking medications (in the last 24 hours):**  
 LAEVLAC (ROCHE S.p.A.)

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**Environmental exposure levels (living and working environment):**

> HOME LOCATED IN AN AREA:  
 MAINLY RURAL  WITH MEDIUM-INTENSIVE TRAFFIC  WITH HIGH-INTENSIVE TRAFFIC

> TRAVEL HOME-WORKPLACE  
 TRANSPORTATION (CAR, MOTORCYCLE OR PUBLIC) \_\_\_\_\_  TIME (MIN.) \_\_\_\_\_  DISTANCE (km) \_\_\_\_\_

> EXTRA-WORKING ACTIVITIES CARRIED OUT THE PREVIOUS DAY OR THE SAME DAY OF THE URINE COLLECTION: \_\_\_\_\_

HAVE BEEN USED CHEMICAL SUBSTANCES  YES  NO IF YES TO SPECIFY WHICH \_\_\_\_\_

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The employee \_\_\_\_\_

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Figure S1. Questionnaire to assess the non-occupational exposure to benzene confounding factor.