

Examination Protocol for Exposure to: BENZENE

This form is subject to the Privacy Act Statement of 1974

Date	Patient Name	SSN	Unit
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IF EXAM TYPE IS	DO or COMPLETE THESE ITEMS
Initial/Baseline or Separation	CG-5447 History and Report of OMSEP Examination DD-2802/DD-2807-1
Periodic	CG-5447A Periodic History and Report of OMSEP Examination
Acute Exposure	Urinary phenol. (Only immediately after acute exposure) Blood or breath benzene level (optional – if available) CBC w/Diff Acute Exposure Form
All Types	Physician's notification regarding examination results. (Final action)
All Types (except acute exposure)	CBC and differential, with platelet count and RBC indices (MCV, MCH, MCHC). Multichemistry panel (includes glucose, BUN, creatinine, total protein, total bilirubin, AST, ALT, GGT, LDH, and alkaline phosphatase) U/A with microscopic

To the examining medical officer:

- ◆ You must follow-up any significant abnormality through to a physical diagnosis. Provide ICD codes.
- ◆ Ensure that the patient is questioned about the following history or symptoms: smoking history, headache, difficulty concentrating, decreased attention span, short-term memory loss, mood lability, fatigue, dry skin, abnormal bleeding, anemia, weight loss.
- ◆ Ensure that the patient is examined for the following signs: mental status changes, dermatitis, pallor.
- ◆ Benzene exposure causes CNS depression, leukemia, aplastic anemia, and dermatitis.
- ◆ The employee should be medically removed from the workplace if any of the following are noted on the exam:
 - ▶ The hemoglobin/hematocrit is below the laboratory's normal limit and/or these indices show a persistent downward trend from the individual's pre-exposure norms; provided these findings cannot be explained by other means.
 - ▶ The thrombocyte (platelet) count has dropped more than 20% below the employee's most recent prior values or falls below the laboratory's normal limit.
 - ▶ The leukocyte count is below 4,000 per mm³ or there is an abnormal differential count.
- ◆ Benzene is commonly associated with petrochemical manufacturing. Exposure among OMSEP participants is generally related to marine vessel inspection or disaster response (oil spill, fire). Commercial gasoline is about 3% benzene.
- ◆ If the patient is on multiple monitoring protocols, ensure each unique item is completed. However, it is not necessary to duplicate tests and forms.

Reviewing Authority Signature	Date
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