MSFC Occupational Medicine & Environmental Health (OMEHS) Overview
New Employee Orientation

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AS60/Integrated Customer Support Dept.
Occupational Medicine & Environmental Health Services
Occupational Medicine & Environmental Health Services

**Overview**

- **Location**
  - Medical Center and Environmental Health – Bldg. 4249
  - Respiratory Protection – Bldg. 4646

- **Hours of Operation**
  - 7:00 a.m. – 3:30 p.m. Monday-Friday excluding Federal Holidays
Occupational Medicine

Overview

- Emergency & Therapeutic Medicine
  - Ambulance
  - Clinic

- Mission Support Services

- Education

- Preventive Medicine
  - Physical Examinations
    - Voluntary (civil service only)
    - Mandatory
  - Immunizations/Vaccinations
    - Influenza
    - Foreign Travel Req’t
  - Allergy Injections
Mandatory Physical Exams

Occupations involving:

- Chemical usage
- Benzene
- Asbestos Abatement
- Ionizing Radiation
- Confined Space Entry
- Lasers (class 3b & 4)
- Heavy Metals
  - Welders, millwrights, pipefitters, painters, abrasive blasting/soldering operations
- Respiratory hazards
- Excessive Noise (> 80 dBA TWA)
- FAA/Flight Operations
- Program Critical Hardware
- Food Handling
- Pesticides/Herbicides
- Commercial Drivers License
- Heavy Equipment Operations
- Personnel Reliability Program Activities
- Security Officer Operations

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Environmental Health Overview

- Industrial Hygiene and Radiation Safety Services for MSFC (civil service & contractors)
- Respiratory Protection Services for MSFC & Army (civil service & contractors)
- 5 Industrial Hygienists and 2 Respiratory Technicians
Industrial Hygiene (IH) Services

- Asbestos Monitoring & Analysis
- Lead Monitoring
- Chemical Exposure Monitoring
- Ergonomic and Workstation Evaluations
- Confined Space Entry Permitting
- Noise Monitoring & Evaluation
- Consulting
- Maintain & Distribute Material Safety Data Sheets (MSDS)
IH Services (cont’)

- Annual Building Inspections
- Monthly Cafeteria Inspections
- Design Support
- Indoor Air Quality Monitoring & Evaluations
- Heat Stress Monitoring & Evaluation
- Training
- Complaint Investigations
Radiation Safety

- Ionizing Radiation Surveys, Exposure Monitoring & Evaluation
  - TLD Program
  - Facility Evaluations
  - Rad Material Procurement
- Non-ionizing Radiation Surveys, Exposure Monitoring & Evaluation
  - Lasers, RF Microwave
Respirator Services

- Respiratory Protection Equipment
  - Procurement, Issuance, Inspection, Testing, Maintenance
- Fit Testing
  - Quantitative
  - Qualitative
- Respirator Training
- Consulting
Chemical Usage

- Employees trained in site specific Hazard Communication
- Appropriate personal protective equipment (PPE) available
- Employees trained on correct use of PPE
- Ensure containers are properly labeled
- Chemicals should be stored in appropriate cabinets/areas
- Segregate chemicals according to compatibility
- Limit quantities
- Dispose of out-dated chemicals
- Proper chemical disposal—contact Environmental Engineering Department
Material Safety Data Sheets (MSDS)

- Must be readily accessible for each chemical used within the work area
- OMEHS maintains Master file
- User responsible for forwarding MSDS to OMEHS
- Access through intranet--
  - http://eemo.msfc.nasa.gov/environmental/haz_mat/msds_search.htm
Confined Space Entry Requirements

- Prior to entry, a confined space entry procedure and permit must be approved by OMEHS and Safety & Mission Assurance Offices.
- All confined spaces must be posted.
- Prior to entry, all personnel entering must have a current physical examination & training.
Respiratory Protection

• Required when employees may be exposed to harmful dusts, mists, fumes, gases, smoke, sprays, etc., which cannot be eliminated by adequate engineering controls, substitution of materials, or other means.

• Evaluations performed by OMEHS
Radiation/Laser Safety

- Assure areas where radiation or laser producing sources are located are adequately posted and operate under approved SOPs
- Assure interlocks are installed on appropriate entrances and/or equipment to prevent inadvertent exposures
- Assure radiation or laser producing devices have been registered with OMEHS
Blood or Other Potentially Infectious Materials (OPIM)

- Never try to clean up a blood spill or OPIM
- Secure or block off the area to prevent others from contacting it
- Call Custodial Services @ 4-7977
Sharps Containers

- Never dispose of needles, lancets or any other form of sharps in trash receptacles
- Available to Center Employees who use needle injected medications or lancets
- Available at Medical Center
- Carry filled container to the Medical Center
NASA/MSFC OMEHS

Points of Contact

- MSFC Occupational Health Officer
  AS60/David L. Thaxton, CIH/544-8371

- OMEHS Contract Technical Representative
  AS60/Joyce Eagan/544-3996
AJT OMEHS
Points of Contact

- Occupational Medicine/Medical Center (Bldg. 4249)
  - Dr. Taurin P. Lee, Medical Director
  - Dr. Kurt Kleeman
  - Janet Kiessling, Nurse Practitioner
  - Mary Jones, BSRN, COHN
  - Diana Douglas, BSRN
  - Lorna Howell, MSN, RN, CCM
  - Peggy Young, Scheduling
  - Maureen Waldrop, Administration

- Environmental Health (Bldgs. 4249 & 4646)
  - Eddie Phillips, CIH, CSP, Manager
  - Greg Smith, CIH, CSP, LSO
  - Bill Hutchison, Health Physicist/IH, RSO
  - Scott Pinkston, IH
  - Jeff Mitchell, IH
  - Terry Driver, Respirator Technician
  - Ken McGarry, Respirator Technician
Telephone Numbers

- Medical Center/Environmental Health Services
  544-2390
- Respiratory Protection Services
  544-4483/544-4484
- On-site Emergencies
  911
- Blood Spills
  544-7977/544-4000 (after hours)
- Help-Line
  544-4357