## Job Safety Analysis

**JOB SAFETY ANALYSIS TOPIC:** Energy Services

**Sweeping and Cleaning Boiler Ash Pits**

<table>
<thead>
<tr>
<th>Title</th>
<th>Work Task</th>
<th>Hazards</th>
<th>Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Obtain personal protective equipment and equipment for the job.</td>
<td>1a. None</td>
<td>1a. Personal Protective Equipment (PPE): -N95 filtering facepiece respirator -Safety glasses -Tyvek disposable coveralls</td>
</tr>
<tr>
<td>2.</td>
<td>Enter the boiler bit area and use a broom and vacuum to sweep and clean surfaces where fly ash is present.</td>
<td>2a. Fly-Ash inhalation and skin contact</td>
<td>2a. Use the vacuum when possible to keep dust levels down. 2b. Use the PPE in task #1.</td>
</tr>
</tbody>
</table>

**Training**

Only Trained Operations Auxiliary Operators are to perform this work task. Complete the EHS online self-study unit: Using N95 for respiratory protection.

**Created by**

Daniel Gilleski, Occupational Field Hygienist

**Date Created:** 10-3-2008

**Referenced Material**

29 CFR 1910.134 (Respiratory Protection Standard)
UNC-CH Environment, Health, and Safety Manual- Chapter 4 (Respiratory Protection Program)
| Contact Info | For more information about this JSA and other JSAs, contact:  
*Department of Environment, Health and Safety*  UNC-CH, 1120 Estes Drive  
Extension, Chapel Hill NC 27599 CB# 1650  
(919) 962-5507  [http://ehs.unc.edu](http://ehs.unc.edu) |