**Safe Work Practice**

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| Name of Job:**Planned Lifts And Suspended Loads** | Development Date:**February 21h, 2011** | Developed By:**CSNS** |

**Possible Hazards Present**

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| Falling Objects  | Risk of eye injury from flying particles. | Working at heights | Use of various machinery and tools. |
| [Extreme temperatures](http://www.ccohs.ca/oshanswers/phys_agents/hot_cold.html) when working outdoors. |  |  |  |

**Personal Protective Equipment (PPE) and Devices Recommended**

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|  Fall Arrest Equipment | Eye Protection | Foot protection | Hearing Protection |
| Respirator Equipment | Skin Protection  |  |  |

**What are some good general safe work practices?**

* **DO** ensure barricades and warning signs are in place.
* **DO** determine the weight of the load.
* **DO** determine the shape and the size of the load.
* **DO** determine the maximum height and final position of the load to be raised.
* **DO** determine the centre of gravity of the load so proper length of slings can be determined
* **DO** ensure that safety inspections are completed on equipment and rigging.
* **DO** ensure potential hazards are identified within the work area.
* **DO** communicate with all personnel involved of potential hazards.
* **DO** ensure clear communications with equipment operators are in place.
* **DO** ensure tag lines are used and constructed of non-conductive material.
* **DO** ensure atmospheric conditions are monitored such as temperature, humidity and wind may affect the operator.
* **DO** ensure you understand proper hand signals.
* **DO** establish load chart rating of crane.