**Safe Job Procedures**

|  |  |  |
| --- | --- | --- |
| Name of Job:**Indoor Storage & Handling of Flammable Liquids** | Development Date:**March 30th, 2011** | Developed By:**CSNS** |

**Possible Hazards Present**

|  |  |  |  |
| --- | --- | --- | --- |
| Fire or explosion | Inhalation of harmful vapors | Skin contact |  |
|  |  |  | . |

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

|  |  |  |  |
| --- | --- | --- | --- |
|  As directed by material data safety sheet (MSDS |  |  |  |
|  |  |  |  |

**What is a proper safe job procedure to follow?**

* Safety containers shall be used at all times and provide content identification and hazard warnings
* Flammable liquids are to be stored in an approved steel locker
* Water reactive materials are prohibited in flammable liquid storage rooms
* Warning signs alerting emergency personnel to the presence of flammable liquids must be posted at all entrances and storage areas
* Supervisors are to inspect storage rooms (*weekly, monthly, quarterly*) to ensure compliance
* Smoking, open flames, arcs and spark producing equipment are prohibited in these areas
* Ventilation shall be provided in sufficient quantities to keep the concentration of vapors below 10% of their lower explosive limit (LEL)
* Frequent tests shall be made by a competent person to determine LEL levels
* Scraping and rags soaked with flammable materials shall be kept in an approved covered metal container
* Suitable fire extinguishing equipment shall be immediately available in the work area and shall be maintained in a state of readiness for instant use
* No more than three storage cabinets of flammable liquids shall be in a single workplace