ENVIRONMENT, HEALTH, AND SAFETY

HOT WORK POLICY (EHS-7009-L1-02)

HIGH RISK HOT WORK AREAS & TASKS

EHS-7009-L2-04
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Areas

1. The Yates Shaft

From the surface to the 300'L, the Yates Shaft structure is concrete and steel. From the 300'L to its bottom, the Yates Shaft structure is timber sets. The timber is combustible, and the Yates Shaft is the main ventilation intake of the underground workings. A fire in the Yates Shaft would be catastrophic. Included is the area within the confines of the head frame above the shaft collar within a 35 foot perimeter of the edges of the shaft, i.e. the area from which the performance of Hot Work could cause an ignition source to fall into the shaft. Hot Work performed on shaft conveyances or shaft infrastructure is to be considered Routine High Risk Hot Work. Hot Work performed on the sheave deck or wheels will be considered Non-Routine.

High Risk Tasks:

1. Use of an oxy-acetylene torch for cutting steel within the shaft.
2. Use of a plasma cutter for cutting steel within the shaft.
3. Use of a grinder or cut-off wheel to cut steel within the shaft.

2. The Ross Shaft from the Surface to the 1250'L

The Ross Shaft structure is steel sets. Some wood pieces are used as blocking and as spacers/fillers. From the surface to the 1250'L, the Ross Shaft is dry and below the 1250'L is continually wet. Included is the area within the confines of the head frame above the shaft collar within a 35 foot perimeter of the edges of the shaft, i.e. the area from which the performance of Hot Work could cause an ignition source to fall into the shaft. Hot Work performed on shaft conveyances or shaft infrastructure is to be considered Routine High Risk Hot Work. Hot Work performed on the sheave deck or wheels will be considered Non-Routine.

High Risk Tasks:

1. Use of an oxy-acetylene torch for cutting steel within the shaft.
2. Use of a plasma cutter for cutting steel within the shaft.
3. Use of a grinder or cut-off wheel to cut steel within the shaft.

Tasks

1. Hot Work performed proximal to flammable or combustible liquids

It is recognized that any Hot Work performed proximal to flammable or combustible liquids is High Risk.

2. Hot Work performed outside and within 50 feet of natural vegetation during a city or county burn ban