Final Project Summary

TRW Building
3650 N. Nevada Avenue
Colorado Springs, CO 80907

Colorado Hazard Control, LLC Project No. S090-A16K

July 16, 2017

On November 28, 2016 Colorado Hazard Control, LLC mobilized to the above referenced site to perform the proper wet removal and disposal of asbestos containing building materials. The scope of work included the removal of approximately 600 LF of asbestos containing seam sealant on fiberglass insulation, approximately 600 SF of asbestos containing mastic under linoleum, approximately 250 SF of asbestos containing floor tile with mastic, approximately 50 SF of asbestos containing caulking and approximately 16 SF of asbestos containing paper lining on lights. Also included in the scope of work was the disassembly of 5 Boiler units from 2 mechanical rooms to access the asbestos containing caulking.

Limited

In this work area, the scope of work consisted of the proper wet removal and disposal of approximately 600 LF of asbestos containing seam sealant on fiberglass insulation, approximately 50 SF of asbestos containing caulking and approximately 16 SF of asbestos containing paper lining on the lights utilizing limited engineering controls. (See below for Containment Description)

Full Containments

In this work area, the scope of work consisted of the proper wet removal and disposal of approximately 600 SF of asbestos containing mastic under linoleum and 250 SF of asbestos containing floor tile with mastic. (See below for Containment Description)

Engineering Control Definitions:

Limited Engineering Controls

The engineering controls associated with a secondary containment includes: the appropriate work area postings, 6 mil critical barriers, a view port capable of providing visual access to the work area no smaller than 12" X 12", HEPA equipped negative pressure exhausted to the exterior, an attached waste load out / decontamination chamber consisting of at least 1 chamber with triple flaps separating the chamber from the work area and the exterior of the work area, a remote decontamination unit consisting of at least 3 chambers with triple flaps separating the chambers, the decontamination unit had a fully functioning shower where all water used in the shower was filtered down to 5 microns and disposed of into a municipal sanitary sewer, one layer of 6 mil polyethylene sheeting on non-cleanable surfaces, the use of appropriate PPE, and waste disposal in an approved EPA landfill. The work was performed in compliance with applicable EPA, CDPHE and OSHA regulations.

Full Containment

The engineering controls associated with a full containment includes: the appropriate work area postings, 6 mil critical barriers, a view port capable of providing visual access to the work area no smaller than 12" X 12", HEPA equipped negative pressure maintained at a minimum -0.02 inches of water column exhausted to the exterior, a minimum of 4 air changes per hour, an attached waste load out unit consisting of at least 2 chambers with triple flaps separating the chambers from the work area and the exterior of the work area, an attached decontamination unit consisting of at least 3 chambers with triple flaps separating the chambers from the work area and the exterior of the work area, the decontamination unit was constructed with a fully functioning shower where all water used in the shower was filtered down to 5 microns and disposed of into a municipal sanitary sewer, 2 layers of 6 mil polyethylene sheeting on the walls, 2 layers of 6 mil polyethylene sheeting on the ceiling, the use of appropriate PPE, and waste disposal in an approved EPA landfill. Upon completion of the final clean in the work area, cleaning verification samples were taken. The work was performed in compliance with applicable EPA, CDPHE and OSHA regulations.

Project asbestos removal work areas were cleared by representatives of Foothills Environmental, Inc., 5245 Centennial Blvd., Suite 103, Colorado Springs, CO 80919 after the identified scope of work was completed. The area was cleared following the NIOSH 7400 aggressive PCM sampling methodology. The EPA/CDPHE has set the clearance requirement for PCM sampling at 0.01f/cc all samples taken by Foothills Environmental, Inc. were below the 0.01 f/cc criteria. The containment components were removed and CHC demobilized from site on February 24, 2017.

Generated asbestos waste was disposed of at the Colorado Springs Landfill, 1010 Blaney Road, Colorado Springs, CO 80929.