

BNL Beryllium Use Review Form

Dept Light Sources Directorate	Buildings 725	Room (Area, location) Various
Users (Name/Life#) or (Job Title): See specific Work Qualification Matrix, Work Planning and/or Job Assessment Forms Typically – Beamline support technicians, Vacuum group		
Status of beryllium use: <input checked="" type="checkbox"/> In use on frequent basis ___ Planned use in the near future ___ Possible Future Use ___ No planned use: ___ keep ___ dispose ___ Legacy (inherited): ___ keep ___ dispose		
Describe Use or Process (such as Analytical Standard, Window, Beam Tube, Attenuator, Sample holder, Stock material, etc): <i>Beryllium oxide in insulators, shims and filtering windows</i> <input checked="" type="checkbox"/> Meets definition of “Article” ___ Meets definition of “laboratory use”		
Describe Handling Procedure: (such as “article removed from storage bag, and inserted into holder, without the need for physical alteration of article”) <i>Article removed from storage bag or container, handled with gloves. Mounted in holders or beamline equipment. Returned to secondary storage when work is completed.</i>		
Potential for Airborne Exposure Assessment: (include measured or predicted air concentration and method of determining concentration) <i>No airborne exposure expected, beryllium articles are only exposed to air for a short time.</i>		
Amount used: (such as grams per month) <i>Varies</i>		
Frequency of use: (such as # days per year or month, # tests per year, in continuous use, etc.) <i>Beamline components are present continuously in most vacuum lines.</i>		
Precautions during Use: (check all that apply) <input type="checkbox"/> Always opened and used in lab hood <input type="checkbox"/> Handled on lab bench or room <input type="checkbox"/> Used in closed system <input type="checkbox"/> Other: <input type="checkbox"/> Parts encapsulated <input type="checkbox"/> Parts coated	Storage: (check all that apply) <input type="checkbox"/> In vented cabinet <input type="checkbox"/> On lab shelf , lab bench, or cabinet <input type="checkbox"/> Inside lab hood Other: <input checked="" type="checkbox"/> Stored in bags or bottles <input type="checkbox"/> Locked area/cabinet, access control <input checked="" type="checkbox"/> Storage area labeled	
Written Documentation: <input checked="" type="checkbox"/> Experimental Review (Work Planning and Control for Experiments and Operations Subject Area) <input type="checkbox"/> Material recorded in CMS Inventory <input checked="" type="checkbox"/> Static inventory <input type="checkbox"/> Work Permit (Work Planning and Control for Experiments and Operations Subject Area) <input type="checkbox"/> Written SOP (describe): ___ Each part bar coded		

Personal Protective Equipment used:	
<input checked="" type="checkbox"/> Gloves (describe material, thickness): Nitrile disposable gloves <input type="checkbox"/> Impervious suit <input type="checkbox"/> Lab coat <input type="checkbox"/> BNL laundered clothing <input type="checkbox"/> Respirator, type:	
Spill, Release, Breakage Clean-up Plan (Describe possible release scenario and action, including clean-up worker training, exposure monitoring, personal protective equipment, and disposal): <i>Light Source Directorate PRM 2.6.0</i>	
Pollution Prevention Plan: (Describe pollution prevention and waste minimization measures): <i>Light Source Directorate PRM 2.6.0</i>	
End of Project Plan: (Describe the actions when the use of beryllium is no longer needed, including accounting for material consumption and funding of disposal):	
Completed by: Lori Stiegler	Date: 6/11/10
Reviewed by:	Date:
Approved by:	Date: