

C-A-QA Action Query Results

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Action Query Results - 9/7/2007

You searched on the following: Related Assessment Number=3160, Family Name=C-A-QA

Number of Records Found: 126

Ordered By: Action Number ASC

Number	Title	Owner	Description	History	Due Date	Status
3160.1.1	Working with chemicals	Beebe Edward	Consult with Peter Cirnigliaro (x5636) and review the applicability of requirements in the Working with Chemicals SBMS Subject Area. This would apply to gases, uranium or any other source materials to be used. Implement a process that requires you to review source materials with Peter Cirnigliaro (x5636) before they are introduced to EBIS in the future. Review the use of uranium ions in EBIS with E. Lessard and initiate a change to the RHIC Accelerator Safety		9/1/2009	Open
3160.1.2	Use of carcinogens	Beebe Edward	Carcinogen use automatically qualifies workers for enrollment in the Carcinogen medical monitoring program. See Peter Cirnigliaro (x5636) for more information or assistance in enrolling in the program.		9/1/2009	Open
3160.1.3	Flammable gases and liquids	Beebe Edward	For all flammable gases and liquids, a safe volume must not be exceeded. The safe volume is calculated by dividing the volume of the gaseous state of the flammable/combustible material by the total volume of the room and ensuring this number does not exceed ten percent of the lower flammability limit for the material. See Peter Cirnigliaro (x5636) for more information or assistance.		9/1/2009	Open
3160.1.4	Working with hydrogen	Beebe Edward	When working with hydrogen, special requirements apply. At a minimum in the event of an emergency (total loss of containment) the percent of hydrogen gas in the room are cannot exceed 0.4% (Flammability range is 4-75%). Please include calculations or comments addressing this issue in the analysis for this operation. Present these calculations to the ASSRC. Contact Woody Glenn (x4770), Chair of the ASSRC.		9/1/2009	Open
3160.1.5	Work with caustic/corrosive materials	Beebe Edward	Work with caustic/corrosive chemicals must be done in an area with an eyewash and shower. See Peter Cirnigliaro (x5636) for more information or assistance.		9/1/2009	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.1.6	Use of heavy metals	Beebe Edward	Use of heavy metals such as mercury, silver, or cadmium may involve special handling and training. See Peter Cirnigliaro (x5636) for more information or assistance.		9/1/2009	Open
3160.1.7	Operating guidelines for keV accelerator	Beebe Edward	Please list keV of accelerator and general operating guidelines in analysis. Have this accelerator reviewed by the Radiation Safety Committee (RSC). Please contact the RSC Chair, Dana Beavis (x7124).		9/1/2009	Open
3160.1.8	Rad surveys	Beebe Edward	RGDs require that they be inventoried and that surveys be conducted annually. If your device is not accounted for or is not surveyed annually contact Paul Bergh (x5992). Also, note this registration in the analysis for your operation by the Radiation Safety Committee. Please contact the RSC Chair, Dana Beavis (x7124).		9/1/2009	Open
3160.1.9	Work with radioactive materials	Beebe Edward	Work with radioactive materials and source may require an RWP. Contact the FSS Representative, Paul Bergh (x5992).		9/1/2009	Open
3160.1.10	Inventory of radioactive sources	Beebe Edward	If your operation uses radioactive sources, inventories are required. Include isotope and quantity. Contact Peter Cirnigliaro, C-AD Source Custodian (x5636).		9/1/2009	Open
3160.1.11	List of radioactive material	Beebe Edward	Provide a list of all material being stored at Collider-Accelerator, and intended location. Contact Peter Cirnigliaro, C-AD Source Custodian (x5636).		9/1/2009	Open
3160.1.12	Hazard waste generator requirement	Beebe Edward	Waste generators must have proper training. Contact Joel Scott (x7520), Environmental Coordinator, for more information.		9/1/2009	Open
3160.1.13	Operations involving air emissions	Beebe Edward	Operations involving air emissions or wastewater discharges require assessment to determine whether they meet current permit limits or require a permit. Contact Mel VanEssendelft (x2905), the Environmental Compliance Representative, for additional guidance.		9/1/2009	Open
3160.1.14	Waste generator training	Beebe Edward	Waste generators must have proper training. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.1.15	Electrical Safety and LOTO training	Beebe Edward	All personnel working with electrical systems must have Electrical Safety and Lockout/Tagout training. It is your responsibility to ensure all personnel are trained prior to working. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.1.16	CEE must certify devices	Beebe Edward	The Chief Electrical Engineer must certify devices that are not commercially available. Contact Jon Sandberg (x4682).		9/1/2009	Open
3160.1.17	Use of hoist, cranes, rigging equipment	Beebe Edward	Before using hoist, cranes or rigging equipment, ensure that current, valid annual inspection tags are attached. You need to ensure you add your equipment to the C-AD annual request for these services, notify Joel Scott (x7520).		9/1/2009	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.1.18	Use of forklifts, platform lift trucks	Beebe Edward	Forklifts, powered trucks, platform lift trucks and motorized hand trucks require special training prior to use and require completion of a pre-use inspection. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the <u>correct training requirements</u> .		9/1/2009	Open
3160.1.19	Review of structures supporting heavy loads	Beebe Edward	Any structures supporting heavy loads or structural changes to cranes or buildings requires review by the Plant Engineering Division and the Chief Mechanical Engineer. Contact Joe Tuozzolo (x3966) for a review.		9/1/2009	Open
3160.1.20	Review of scaffolding	Beebe Edward	Ladders must be non-wooden. Scaffolding must be reviewed by the C-AD ESH Coordinator. Please <u>contact Asher Etkin (x4006)</u> .		9/1/2009	Open
3160.1.21	Elevated work	Beebe Edward	Elevated work may require fall protection and/or a fall protection plan. Consult with Peter Cirnigliaro (x5636).		9/1/2009	Open
3160.1.22	Review of pressure systems	Beebe Edward	The SHSD Safety Engineering Group, prior to use, must review pressure systems that operate at greater than 15 psig. Contact the ES&H Coordinator, Asher Etkin (x4006) for additional guidance. Note operating parameters in your analysis.		9/1/2009	Open
3160.1.23	ODH issues	Beebe Edward	Inert cryogens greater than the safe volume in liters (calculated by dividing volume of workspace in cubic meters divided 14) and non-inert cryogens in quantities greater than 2 liters or 50 kg in the case of CO2 require review. Contact the ES&H Coordinator, Asher Etkin (x4006) for additional guidance. Note operating parameters in your analysis. Also, see the Oxygen Deficiency Hazard Subject Area for guidance. If safe volume has been calculated for your area include this information in the analysis for your operation.		9/1/2009	Open
3160.1.24	Electric hand tools	Beebe Edward	Electrically powered hand tools should be double insulated and <u>plugged into grounded system</u>		9/1/2009	Open
3160.1.25	Stored energy sources	Beebe Edward	All sources of stored energy must be locked out or disabled prior to working on systems.		9/1/2009	Open
3160.1.26	Non-ionizing radiation sources	Beebe Edward	Non-ionizing radiation sources (NIR) sources must be listed on the C-A NIR inventory and may require measurements to be taken. If your equipment is not part of this inventory, please contact the ES&H Coordinator, Asher Etkin (x4006), for further <u>guidance</u> .		9/1/2009	Open
3160.1.27	Workers with medical implants	Beebe Edward	Any workers with pacemakers or medical implants require training, and may not be exposed to fields <u>greater than 5 Gauss</u> .		9/1/2009	Open
3160.1.28	Surface temperature labeling	Beebe Edward	Surface with temperatures less than 0 deg F or greater than 150 deg F must be labeled, please contact the ES&H Coordinator, Asher Etkin (x4006), for further <u>guidance</u> .		9/1/2009	Open
3160.1.29	ODH SBMS Subject Area requirements	Beebe Edward	The guidelines of SBMS Subject Area, Oxygen Deficiency Hazard should be followed.		9/1/2009	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.1.30	Use of equipment outside design specification	Beebe Edward	Please list the equipment that you are using outside of design specifications or manufacturer recommendations and/or locally built equipment in your analysis along with associated controls. Certification by the Chief Electrical and/or Chief Mechanical Engineer may be required. Contact Jon Sandberg (x4682) for electrical device review and Joe Tuozzolo (x3966) for mechanical device review.		9/1/2009	Open
3160.1.31	EBIS operational procedures	Beebe Edward	Ensure the operation of the EBIS magnet systems is incorporated into the C-AD Operations Procedure Manual Chapter 5, Linac, Booster, AGS and RHIC Startup Procedures. Contact Peter Ingrassia (x4272).		9/1/2009	Open
3160.1.32	Group procedures	Beebe Edward	Internal group operational procedures must be developed for normal operations, and a list of trained personnel is required. Contact the QA Manager, Dave Passarello, x7277, to arrange for sign off on group procedures.		9/1/2009	Open
3160.1.33	Emergency procedure	Beebe Edward	An emergency procedure must be developed in accordance with C-A OPM 3.0. Contact Peter Ingrassia (x4272).		9/1/2009	Open
3160.1.34	Local ventilation system	Beebe Edward	Local ventilation systems must be certified annually as well as any time there is a modification/maintenance conducted on the system. See Peter Cirnigliaro (x5636) for more information or assistance.		9/1/2009	Open
3160.1.35	Interlock checks	Beebe Edward	A logbook of interlock checks should be maintained in the vicinity of the equipment.		9/1/2009	Open
3160.1.36	PPE requirements	Beebe Edward	All PPE requirements must be listed in your analysis. Special care must be given when selecting gloves. Always seek manufacture specific information on the gloves being used or contact the ESH Coordinator, Asher Etkin (x4006) for guidance		9/1/2009	Open
3160.1.37	Proper gloves for chemicals	Beebe Edward	Ensuring proper gloves for chemicals that have the potential for skin absorption is critical to safety. Because gloves can be chemical specific, contact the ESH Coordinator, Asher Etkin (x4006) for further guidance and list the required type of gloves in the analysis for your operation.		9/1/2009	Open
3160.2.1	Electrical Safety and LOTO training	Oerter Brian	All personnel working with electrical systems must have Electrical Safety and Lockout/Tagout training. It is your responsibility to ensure all personnel are trained prior to working. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.	4/24/06 - per email from D. Barton, 4/24/06, Both of the recent action notices that I received pertaining to electrical work for EBIS are the normal business of Brian Oerter, for the Controls Division. I would like, in my position as Point of Contact for EBIS Controls, to delegate this responsibility to him. Action owner changed from D. Barton to B. Oerter.	9/1/2009	Open
3160.2.2	CEE must certify devices	Oerter Brian	The Chief Electrical Engineer must certify devices that are not commercially available. Contact Jon Sandberg (x4682).	4/24/06 - per email from D. Barton, 4/24/06, Both of the recent action notices that I received pertaining to electrical work for EBIS are the normal business of Brian Oerter, for the Controls Division. I would like, in my position as Point of Contact for EBIS Controls, to delegate this responsibility to him. Action owner changed from D. Barton to B. Oerter.	9/1/2009	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.3.1	Electrical Safety and LOTO training	Wilinski Michelle	All personnel working with electrical systems must have Electrical Safety and Lockout/Tagout training. It is your responsibility to ensure all personnel are trained prior to working. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.3.2	CEE must certify devices	Wilinski Michelle	The Chief Electrical Engineer must certify devices that are not commercially available. Contact Jon Sandberg (x4682).		9/1/2009	Open
3160.3.3	Stored energy sources	Wilinski Michelle	All sources of stored energy must be locked out or disabled prior to working on systems.		9/1/2009	Open
3160.4.1	Electrical Safety and LOTO training	Ritter John	All personnel working with electrical systems must have Electrical Safety and Lockout/Tagout training. It is your responsibility to ensure all personnel are trained prior to working. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.4.2	CEE must certify devices	Ritter John	The Chief Electrical Engineer must certify devices that are not commercially available. Contact Jon Sandberg (x4682).		9/1/2009	Open
3160.4.3	Use of hoist, cranes, rigging equipment	Ritter John	Before using hoist, cranes or rigging equipment, ensure that current, valid annual inspection tags are attached. You need to ensure you add your equipment to the C-AD annual request for these services, notify Joel Scott (x7520).		9/1/2009	Open
3160.4.4	Use of forklifts, platform lift trucks	Ritter John	Forklifts, powered trucks, platform lift trucks and motorized hand trucks require special training prior to use and require completion of a pre-use inspection. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.4.5	Review of structures supporting heavy loads	Ritter John	Any structures supporting heavy loads or structural changes to cranes or buildings requires review by the Plant Engineering Division and the Chief Mechanical Engineer. Contact Joe Tuozzolo (x3966) for a review.		9/1/2009	Open
3160.4.6	Electric hand tools	Ritter John	Electrically powered hand tools should be double insulated and plugged into grounded system		9/1/2009	Open
3160.4.7	Non-ionizing radiation sources	Ritter John	Non-ionizing radiation sources (NIR) sources must be listed on the C-A NIR inventory and may require measurements to be taken. If your equipment is not part of this inventory, please contact the ES&H Coordinator, Asher Etkin (x4006), for further guidance.		9/1/2009	Open
3160.4.8	Workers with medical implants	Ritter John	Any workers with pacemakers or medical implants require training, and may not be exposed to fields greater than 5 Gauss. Ensure all personnel are assigned the correct training requirements and that you have perform a magnetic safety review. Contact Peter Cimigliaro (x5636) for a Static Magnetic Fields Hazard Assessment.		9/1/2009	Open
3160.4.9	EBIS operational procedures	Ritter John	Ensure the operation of the EBIS magnet systems is incorporated into the C-AD Operations Procedure Manual Chapter 5, Linac, Booster, AGS and RHIC Startup Procedures. Contact Peter Ingrassia (x4272).		9/1/2009	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.5.1	Electrical Safety and LOTO training	Lambiase Robert	All personnel working with electrical systems must have Electrical Safety and Lockout/Tagout training. It is your responsibility to ensure all personnel are trained prior to working. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.5.2	CEE must certify devices	Lambiase Robert	The Chief Electrical Engineer must certify devices that are not commercially available. Contact Jon Sandberg (x4682).		9/1/2009	Open
3160.5.3	Use of hoist, cranes, rigging equipment	Phillips David	Before using hoist, cranes or rigging equipment, ensure that current, valid annual inspection tags are attached. You need to ensure you add your equipment to the C-AD annual request for these services, notify Joel Scott (x7520).	Transfer to Dave Phillips as per R. Lambiase 03/28/07.	9/1/2009	Open
3160.5.4	Use of forklifts, platform lift trucks	Phillips David	Forklifts, powered trucks, platform lift trucks and motorized hand trucks require special training prior to use and require completion of a pre-use inspection. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.	Transfer to Dave Phillips as per R. Lambiase 03/28/07.	9/1/2009	Open
3160.5.5	Unattended operational equip which poses hazard	Lambiase Robert	If your operation will be left unattended and it poses a hazard to individuals who may enter the area for whatever reason then you must ensure that the area is posted with the name of the contact and phone number along with associated hazards when unattended. This information and instructions for a safe shutdown should be included in the analysis for your operation. Contact the Accelerator Systems Safety Review Committee Chair, Woody Glenn (x4770), to schedule a review of the systems prior to		9/1/2009	Open
3160.6.1	Non-ionizing radiation sources	Zaltsman Alexander	Non-ionizing radiation sources (NIRs) must be listed on the C-A rf and Microwave Source list and may require measurements to be taken. If your equipment is not part of this inventory, please contact Asher Etkin, ES&H Coordinator, x4006, for further guidance.	8/24/07 - per A. Zaltsman, 8/24/07, inventory and measurements will be completed prior to operations. Revise due date from 9/1/2007 to 4/1/2008	4/1/2008	Open
3160.6.2	Workers with medical implants	Zaltsman Alexander	Any workers with pacemakers or medical implants require training, and may not be exposed to fields greater than 5 Gauss.	8/24/07 - per A. Zaltsman, 8/24/07, measurements will be completed prior to operations, all workers, including those with pacemakers or medical implants receive required magnetic field training. Workers who have pacemakers or medical implants are restricted from entering any areas where magnetic fields can create a health risk. Revise due date from 9/1/2007 to 4/1/2008	4/1/2008	Open
3160.6.3	Excessive noise	Zaltsman Alexander	If workers can be potentially exposed to excessive noise, contact Peter Ciriigliaro (x5636) for a noise evaluation	8/24/07 - per A. Zaltsman, 8/24/07, measurements will be completed prior to operations. Revise due date from 9/1/2007 to 4/1/2008	4/1/2008	Open
3160.6.4	Group procedures	Zaltsman Alexander	Internal group operational procedures must be developed for normal operations, and a list of trained personnel is required. Contact the QA Manager, Dave Passarello, x7277, to arrange for sign off on group procedures.	8/24/07 - per A. Zaltsman, 8/24/07, procedures will be developed and issued prior to operations. Revise due date from 9/1/2007 to 4/1/2008	4/1/2008	Open
3160.6.5	Emergency procedure	Zaltsman Alexander	An emergency procedure must be developed in accordance with C-A OPM 3.0. Contact Peter Ingrassia (x4272).	8/24/07 - per A. Zaltsman, 8/24/07, procedure will be developed and issued prior to operations. Revise due date from 9/1/2007 to 4/1/2008	4/1/2008	Open
3160.6.6	Interlock checks	Zaltsman Alexander	A logbook of interlock checks should be maintained in the vicinity of the equipment.	8/24/07 - per A. Zaltsman, 8/24/07, requirement for interlock checks is not applicable. This action item has been addressed	9/1/2007	Closed

Number	Title	Owner	Description	History	Due Date	Status
3160.6.7	PPE requirements	Zaltsman Alexander	All PPE requirements must be listed in your work planning documents. Special care must be given when selecting gloves. Always seek manufacture specific information on the gloves being used or contact the ESH Coordinator, Asher Etkin (x4006) for guidance.	8/24/07 - per A. Zaltsman, 8/24/07, required PPE will be documented in procedures prior to operations. Revise due date from 9/1/2007 to 4/1/2008	4/1/2008	Open
3160.7.1	Working with chemicals	Mapes Michael	Consult with Peter Cirnigliaro (x5636) and review the applicability of requirements in the Working with Chemicals SBMS Subject Area		9/1/2009	Open
3160.7.2	Use of carcinogens	Mapes Michael	Carcinogen use automatically qualifies workers for enrollment in the Carcinogen medical monitoring program. See Peter Cirnigliaro (x5636) for more information or assistance in enrolling in the program.		9/1/2009	Open
3160.7.3	Flammable gases and liquids	Mapes Michael	For all flammable gases and liquids, a safe volume must not be exceeded. The safe volume is calculated by dividing the volume of the gaseous state of the flammable/combustible material by the total volume of the room and ensuring this number does not exceed ten percent of the lower flammability limit for the material. See Peter Cirnigliaro (x5636) for more information or assistance		9/1/2009	Open
3160.7.4	Review of pressure systems	Mapes Michael	The SHSD Safety Engineering Group, prior to use, must review pressure systems that operate at greater than 15 psig. Contact the ES&H Coordinator, Asher Etkin (x4006) for additional guidance. Note operating parameters in your analysis.		9/1/2009	Open
3160.7.5	Electric hand tools	Mapes Michael	Electrically powered hand tools should be double insulated and plugged into grounded system.		9/1/2009	Open
3160.7.6	ODH issues	Mapes Michael	Inert cryogens greater than the safe volume in liters (calculated by dividing volume of workspace in cubic meters divided 14) and non-inert cryogens in quantities greater than 2 liters or 50 kg in the case of CO2 require review by Ray Karol (x5272). See the Oxygen Deficiency Hazards Subject Area for guidance. If safe volume has been calculated for your area include this information in the analysis for your operation.		9/1/2009	Open
3160.7.7	Stored energy sources	Mapes Michael	All sources of stored energy must be locked out or disabled prior to working on systems.		9/1/2009	Open
3160.8.1	Working with chemicals	Scaduto Joseph	Consult with Peter Cirnigliaro (x5636) and review the applicability of requirements in the Working with Chemicals SBMS Subject Area		9/1/2009	Open
3160.8.2	Use of carcinogens	Scaduto Joseph	Carcinogen use automatically qualifies workers for enrollment in the Carcinogen medical monitoring program. See Peter Cirnigliaro (x5636) for more information or assistance in enrolling in the program.		9/1/2009	Open
3160.8.3	Work with caustic/corrosive materials	Scaduto Joseph	Work with caustic/corrosive chemicals must be done in an area with an eye wash and shower.		9/1/2009	Open
3160.8.4	Operations involving air emissions	Scaduto Joseph	Operations involving air emissions or wastewater discharges require assessment to determine whether they meet current permit limits or require a permit. Contact Mel VanEssendelft (x2905), the Environmental Compliance Representative, for additional guidance.		9/1/2009	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.8.5	Waste generator training	Scaduto Joseph	Waste generators must have proper training. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.8.6	Electrical Safety and LOTO training	Scaduto Joseph	All personnel working with electrical systems must have Electrical Safety and Lockout/Tagout training. It is your responsibility to ensure all personnel are trained prior to working. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.8.7	Working on or near	Scaduto Joseph	Working on or near training is required for work on energized equipment. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.8.8	Stored energy sources	Scaduto Joseph	All sources of stored energy must be locked out or disabled prior to working on systems.		9/1/2009	Open
3160.8.9	Excessive noise	Scaduto Joseph	If workers can be potentially exposed to excessive noise, contact Peter Cirmigliaro (x5636) for a noise evaluation.		9/1/2009	Open
3160.8.10	EBIS operational procedures	Scaduto Joseph	Ensure the operation of the EBIS magnet systems is incorporated into the C-AD Operations Procedure Manual Chapter 5, Linac, Booster, AGS and RHIC Startup Procedures. Contact Peter Ingrassia (x4272).		9/1/2009	Open
3160.8.11	Group procedures	Scaduto Joseph	Internal group operational procedures must be developed for normal operations, and a list of trained personnel is required. Contact the QA Manager, Dave Passarello, x7277, to arrange for sign off on group procedures.		9/1/2009	Open
3160.9.1	New penetrations into Linac	Pendzick Alexander	Installation of new penetrations into the Linac or Booster must be reviewed by the Radiation Safety Committee (RSC). Contact the RSC Chair, Dana Beavis, x7124.	4/24/06 - per email from A. pendzick, 4/24/06, Closure statement is as follows: RSC meeting was held to discuss the issues associated with the EBIS penetration into the Booster. Objective Evidence on file with RSC meeting minutes from the CAD division. This action item has been addressed.	9/1/2009	Closed
3160.9.2	Work with radioactive materials	Pendzick Alexander	Work with radioactive materials and source may require an RWP. Contact the FSS Representative, Paul Bergh (x5992).		9/1/2009	Open
3160.9.3	Inventory of radioactive sources	Pendzick Alexander	If your operation uses radioactive sources, inventories are required. Include isotope and quantity. Contact Peter Cirmigliaro, C-AD Source Custodian (x5636).		9/1/2009	Open
3160.9.4	Transportation of rad material	Pendzick Alexander	The transportation of radioactive materials is strictly controlled at Brookhaven National Laboratory. Contact Joel Scott (x7520), Environmental Coordinator, for more information.		9/1/2009	Open
3160.9.5	Hazard waste generator requirement	Pendzick Alexander	Waste generators must have proper training. Contact Joel Scott (x7520), Environmental Coordinator, for more information.		9/1/2009	Open
3160.9.6	Use of hoist, cranes, rigging equipment	Pendzick Alexander	Before using hoist, cranes or rigging equipment, ensure that current, valid annual inspection tags are attached. You need to ensure you add your equipment to the C-AD annual request for these services, notify Joel Scott (x7520).		9/1/2009	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.9.7	Use of forklifts, platform lift trucks	Pendzick Alexander	Forklifts, powered trucks, platform lift trucks and motorized hand trucks require special training prior to use and require completion of a pre-use inspection. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.9.8	Review of structures supporting heavy loads	Pendzick Alexander	Any structures supporting heavy loads or structural changes to cranes or buildings requires review by the Plant Engineering Division and the Chief Mechanical Engineer, Joe Tuozzolo (x3966).		9/1/2009	Open
3160.9.9	Stored energy sources	Pendzick Alexander	All sources of stored energy must be locked out or disabled prior to working on systems.		9/1/2009	Open
3160.9.10	Excessive noise	Pendzick Alexander	If workers can be potentially exposed to excessive noise, contact Peter Cirnigliaro (x5636) for a noise evaluation.		9/1/2009	Open
3160.9.11	PPE requirements	Pendzick Alexander	All PPE requirements must be listed in your work planning documents. Special care must be given when selecting gloves. Always seek manufacture specific information on the gloves being used. Contact Peter Cirnigliaro, C-AD Work Control Manager (x5636) for guidance.		9/1/2009	Open
3160.9.12	Proper gloves for chemicals	Pendzick Alexander	Ensuring proper gloves for chemicals that have the potential for skin absorption is critical to safety. Because gloves can be chemical specific, contact Peter Cirnigliaro, C-AD Work Control Manager (x5636) for guidance.		9/1/2009	Open
3160.10.1	Working with chemicals	Snydstrup Louis	Consult with Peter Cirnigliaro (x5636) and review the applicability of requirements in the Working with Chemicals SBMS Subject Area.		12/1/2008	Open
3160.10.2	Air monitoring	Snydstrup Louis	Air monitoring is required for lead handling of more than 30 minutes. Respiratory protection may also be required. Consult with Peter Cirnigliaro (x5636).		12/1/2008	Open
3160.10.3	Hazard waste generator requirement	Snydstrup Louis	Waste generators must have proper training. Contact Joel Scott (x7520), Environmental Coordinator, for more information.		12/1/2008	Open
3160.10.4	Electrical Safety and LOTO training	Snydstrup Louis	All personnel working with electrical systems must have Electrical Safety and Lockout/Tagout training. It is your responsibility to ensure all personnel are trained prior to working. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		12/1/2008	Open
3160.10.5	Working on or near	Snydstrup Louis	Working on or near training is required for work on energized equipment. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		12/1/2008	Open
3160.10.6	CEE must certify devices	Snydstrup Louis	The Chief Electrical Engineer must certify devices that are not commercially available. Contact Jon Sandberg (x4682).		12/1/2008	Open
3160.10.7	Use of hoist, cranes, rigging equipment	Snydstrup Louis	Before using hoist, cranes or rigging equipment, ensure that current, valid annual inspection tags are attached. You need to ensure you add your equipment to the C-AD annual request for these services, notify Joel Scott (x7520).		12/1/2008	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.10.8	Use of forklifts, platform lift trucks	Snydstrup Louis	Forklifts, powered trucks, platform lift trucks and motorized hand trucks require special training prior to use and require completion of a pre-use inspection. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		12/1/2008	Open
3160.10.9	Review of structures supporting heavy loads	Snydstrup Louis	Structures supporting heavy loads or structural changes to cranes or buildings requires review by the Plant Engineering Division and the Chief Mechanical Engineer, Joe Tuozzolo (x3966).		12/1/2008	Open
3160.10.10	Elevated work	Snydstrup Louis	Elevated work may require fall protection and/or a fall protection plan. Consult with Peter Cirnigliaro (x5636).		12/1/2008	Open
3160.10.11	Electric hand tools	Snydstrup Louis	Electrically powered hand tools should be double insulated and plugged into grounded system.		12/1/2008	Open
3160.10.12	ODH issues	Snydstrup Louis	Inert cryogens greater than the safe volume in liters (calculated by dividing volume of workspace in cubic meters divided 14) and non-inert cryogens in quantities greater than 2 liters or 50 kg in the case of CO2 require review by Ray Karol (x5272). See the Oxygen Deficiency Hazards Subject Area for guidance. If safe volume has been calculated for your area include this information in the analysis for your operation.		12/1/2008	Open
3160.10.13	Stored energy sources	Snydstrup Louis	All sources of stored energy must be locked out or disabled prior to working on systems.		12/1/2008	Open
3160.10.14	Workers with medical implants	Snydstrup Louis	Any workers with pacemakers or medical implants require training, and may not be exposed to fields greater than 5 Gauss. Ensure all personnel are assigned the correct training requirements and that you have perform a magnetic safety review. Contact Peter Cirnigliaro (x5636) for a Static Magnetic Fields Hazard Assessment.		12/1/2008	Open
3160.10.15	EBIS operational procedures	Snydstrup Louis	Ensure the operation of the EBIS magnet systems is incorporated into the C-AD Operations Procedure Manual Chapter 5, Linac, Booster, AGS and RHIC Startup Procedures. Contact Peter Ingrassia (x4272).		12/1/2008	Open
3160.10.16	Group procedures	Snydstrup Louis	Internal group operational procedures must be developed for normal operations, and a list of trained personnel is required. Contact the QA Manager, Dave Passarello, x7277, to arrange for sign off on group procedures.		12/1/2008	Open
3160.10.17	Two-person rule	Snydstrup Louis	In your procedures, delineate any tasks that require a two-person rule as a control.		12/1/2008	Open
3160.10.18	Life Safety Code	Snydstrup Louis	Any deviations from Life Safety Code or change in the risk level of fire protection m must be approved by the Fire Protection Engineer. Contact Michael Kretchmann (x5274).		12/1/2008	Open
3160.10.19	PPE requirements	Snydstrup Louis	All PPE requirements must be listed in your analysis. Special care must be given when selecting gloves. Always seek manufacture specific information on the gloves being used or contact the ESH Coordinator, Asher Etkin (x4006) for guidance.		12/1/2008	Open
3160.10.20	Hazards which have not been addresses	Snydstrup Louis	Please review the additional hazard of <input type="checkbox"/> working with multiple groups <input type="checkbox"/> with the C-AD Work Control Manager, Peter Cirnigliaro (x5636).		12/1/2008	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.11.1	Rad surveys	Alessi James	RGDs require that they be inventoried and that surveys be conducted annually. If your device is not accounted for or is not surveyed annually contact Paul Bergh (x5992). Also, note this registration in the analysis for your operation by the Radiation Safety Committee. Please contact the RSC Chair, Dana Beavis (x7124).		9/1/2009	Open
3160.11.2	Electrical Safety and LOTO training	Alessi James	All personnel working with electrical systems must have Electrical Safety and Lockout/Tagout training. It is your responsibility to ensure all personnel are trained prior to working. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.11.3	CEE must certify devices	Alessi James	The Chief Electrical Engineer must certify devices that are not commercially available. Contact Jon Sandberg (x4682).		9/1/2009	Open
3160.11.4	Use of hoist, cranes, rigging equipment	Alessi James	Before using hoist, cranes or rigging equipment, ensure that current, valid annual inspection tags are attached. You need to ensure you add your equipment to the C-AD annual request for these services, notify Joel Scott (x7520).		9/1/2009	Open
3160.11.5	Use of forklifts, platform lift trucks	Alessi James	Forklifts, powered trucks, platform lift trucks and motorized hand trucks require special training prior to use and require completion of a pre-use inspection. Contact the Training Manager, John Maraviglia (x7343), to ensure all personnel are assigned the correct training requirements.		9/1/2009	Open
3160.11.6	Review of pressure systems	Alessi James	The SHSD Safety Engineering Group, prior to use, must review pressure systems that operate at greater than 15 psig. Contact the ES&H Coordinator, Asher Etkin (x4006) for additional guidance. Note operating parameters in your analysis.		9/1/2009	Open
3160.11.7	Non-ionizing radiation sources	Alessi James	Non-ionizing radiation sources (NIR) sources must be listed on the C-A NIR inventory and may require measurements to be taken. If your equipment is not part of this inventory, please contact the ES&H Coordinator, Asher Etkin (x4006), for further guidance.		9/1/2009	Open
3160.11.8	Workers with medical implants	Alessi James	Any workers with pacemakers or medical implants require training, and may not be exposed to fields greater than 5 Gauss. Ensure all personnel are assigned the correct training requirements and that you have perform a magnetic safety review. Contact Peter Cirnigliaro (x5636) for a Static Magnetic Fields Hazard Assessment.		9/1/2009	Open
3160.11.9	Group procedures	Alessi James	Internal group operational procedures must be developed for normal operations, and a list of trained personnel is required. Contact the QA Manager, Dave Passarello, x7277, to arrange for sign off on group procedures.		9/1/2009	Open
3160.11.10	Interlock checks	Alessi James	A logbook of interlock checks should be maintained in the vicinity of the equipment.		9/1/2009	Open
3160.11.11	PPE requirements	Alessi James	All PPE requirements must be listed in your analysis. Special care must be given when selecting gloves. Always seek manufacture specific information on the gloves being used or contact the ESH Coordinator, Asher Etkin (x4006) for guidance.		9/1/2009	Open

Number	Title	Owner	Description	History	Due Date	Status
3160.11.12	Proper gloves for chemicals	Alessi James	Ensuring proper gloves for chemicals that have the potential for skin absorption is critical to safety. Because gloves can be chemical specific, contact the ESH Coordinator, Asher Etkin (x4006) for further guidance and list the required type of gloves in the <u>analysis for your operation</u> .		9/1/2009	Open
3160.11.13	Hazards which have not been addresses	Alessi James	For additional hazards that have not been addressed, please contact the ESH Coordinator, Asher Etkin (x4006), for help with reviewing these hazards and <u>appling proper controls</u> .		9/1/2009	Open