

CROSSWALK BETWEEN LBNL OQMP & ASSURANCE MECHANISMS

OQMP LBNL/PUB-3111, Rev. 8	ASSURANCE MECHANISM
Section 1 – Organization	
1.1 Organizational Structure	<ul style="list-style-type: none"> • Performance Description Reviews
1.2 Planning	<ul style="list-style-type: none"> • Job Hazard Questionnaire (JHQ) • Work Smart Standards (WSS) • Project Call • TYSP • Business Plan • Maintenance Plan • Performance Evaluation Measurement Plan (PEMP) • ESH Self Assessment • Budget Call
1.3 Staff Proficiency	<ul style="list-style-type: none"> • Performance Review and Development (PRD) • JHQ • PEMP • ESH Self Assessment • Employee Development Plans • Triennial Radiation Protection Group Audit • Technical Assessment of LBNL's Packaging and Transportation Program (includes transportation, shipping, hazardous waste handling/disposal, receiving – qualifications, doc control, records mgmt, gen process implementation) • External Peer Reviews
Section 2 – Management Systems and Process Controls	
2.1 Managing Principles	N/A
2.2 Safety Management	<ul style="list-style-type: none"> • PEMP • Contract Assurance Council • Lab Advisory Board • External Peer Reviews
2.2.1 Hazards in the Work Process	<ul style="list-style-type: none"> • JHQ/Job Hazard Analysis (JHA) • Formal Work Authorizations • Tech Assurance • Construction Safety Oversight Assessments • ESH Self Assessment • McCallum Turner ISM Assessment
2.2.2 Formal Work Authorization	<ul style="list-style-type: none"> • ESH Self Assessment • Construction Safety Oversight Assessments • JHA • McCallum Turner ISM Assessment
2.2.3 Stopping Unsafe Work	<ul style="list-style-type: none"> • McCallum Turner ISM Assessment • ESH Self-Assessment

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2.3 Environmental Management	<ul style="list-style-type: none"> • Environmental Management System (EMS) Internal Review • EMS Triennial External Review • ESH Self Assessment
2.4 Safeguards and Security Management	<ul style="list-style-type: none"> • Safeguards and Security Self-Assessment
2.5 Other LBNL Management Systems	<ul style="list-style-type: none"> • Internal Audit Services • Operations Peer Reviews
2.6 Process Control	
2.6.1 Core Functions	N/A
2.6.2 Descriptions, Procedures, Instructions & Drawings	<ul style="list-style-type: none"> • McCallum Turner ISM Assessment • SC COO External Dosimetry Accreditation Review • Internal Audit Services • Operations Peer Reviews • Project Management Office Reviews • Independent Design Verification • Procurement Self Assessments • Facilities Management Self Assessments
2.6.3 Consensus Standards	N/A
2.6.4 SCI (includes Appendix C)	<ul style="list-style-type: none"> • Construction Safety Oversight - (Rigging Equipment) • SCI Inspections
SCI Identification	<ul style="list-style-type: none"> • Construction Safety Oversight - (Rigging Equipment) • Construction Inspections (ensures what's on the specs/drwgs is what is being used in the field)
SCI Procurement	<ul style="list-style-type: none"> • Internal Independent Audits • Construction Inspections • OMBA123
SCI Installed Items	<ul style="list-style-type: none"> • Construction Inspections
SCI Disposition & Reporting	<ul style="list-style-type: none"> • Construction Inspections
2.6.5 Safety Software QA	<ul style="list-style-type: none"> • Acceptance Testing
2.6.6A Design	<ul style="list-style-type: none"> • Independent Design Verification • Structural Engineer Building Evaluation • Beamline Review Committee • Engineering is currently developing a graded approach methodology • Project Management Office Reviews • Engineering Peer Reviews • Office of Project Assessment (OPA) Independent Project Reviews • Office of Engineering & Construction Management (OECM) External Independent Reviews
2.6.6B Procurement (General)	<ul style="list-style-type: none"> • OMB A123 Assessment • PEMP • Internal Audit Services Audits

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	<ul style="list-style-type: none"> • Buyer Reviews (Reviews PRs) • Procurement Supervisor Reviews (Reviews POs) • Lehman (OPA) Reviews
Procurement Planning	<ul style="list-style-type: none"> • Internal Independent Audits • OPA Independent Project Reviews
Supplier & Subcontractor Selection	<ul style="list-style-type: none"> • Subcontract Assessments • Random Sample Review • Group Mgr Supervisory Reviews • Contractor Review Board • Group Mgr Judgment Reviews • Internal Independent Audits • Post Award Reviews
Acceptance of Items/Services	<ul style="list-style-type: none"> • Internal Independent Audits • Construction Inspections • Procurement is currently developing a graded approach methodology • Accounts Payable Invoice Certification Review
2.6.6C Manufactured Items Inspection and Testing	<ul style="list-style-type: none"> • Engineering is currently developing a graded approach methodology
2.6.6D Construction Inspection and Testing	<ul style="list-style-type: none"> • Professional Engineer (PE) sign-off – Buildings • Project Director and/or Division Deputy sign-off at various project stages
2.6.6F Asset Management	<ul style="list-style-type: none"> • Wall-to-Wall Inventory • PEMP
2.6.6E Data Collection	<ul style="list-style-type: none"> • DOE NESHAP Audit • OCA Triennial NESHAP Audit • DOE Periodic Reviews • EPA periodic Reviews • SC COO External Dosimetry Accreditation Review • Environmental Service Group Review • Waste Management Review
2.6.7 Facility-Specific Controls	
2.6.7A Operating Practices	<ul style="list-style-type: none"> • Triennial 10CFR835 Review • Waste Management Review • SEO Exercises and Drills • SEO Annual Self Assessments • SEO Quarterly Metric Reports • SEO Annual Emergency Readiness Assurance Plan • SEO Semi-Annual Emergency Management Readiness Reports
2.6.7B Facility Management	<ul style="list-style-type: none"> • Facility Condition Management Assessment
2.7 Document Control & Records Mgmt	<ul style="list-style-type: none"> • IT is currently developing an institutional policy

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Section 3 – Performance Assessment and Improvement	
3.1 Management Assessment	<ul style="list-style-type: none"> • PEMP • HR Annual requirements • ESH Self Assessment • McCallum Turner ISM Assessment
3.2 Independent Assessment	
3.2.1 Independent Assessment	<ul style="list-style-type: none"> • Internal Audit Services Audits • Project Management Office Reviews • Management of Environmental Safety and Health (MESH) Reviews • McCallum Turner ISM Assessment
3.2.2 Peer Review	<ul style="list-style-type: none"> • Operations Peer Reviews • Science Program Reviews • McCallum Turner ISM Assessment • MESH Reviews
3.2.3 ESH Self-Assessment	<ul style="list-style-type: none"> • Tech Assurance • Div. Self Assessment (assessment of safety walkarounds) • MESH Reviews • PEMP Quarterly Reviews
3.3 Continuous Improvement	
3.3.1 Quality Improvement	<ul style="list-style-type: none"> • PEMP • ESH Self Assessment • PMIP • Project Management Office Reviews • Procurement Self-Assessment • McCallum Turner ISM Assessment
3.3.2 Corrective Action	<ul style="list-style-type: none"> • ESH Self-Assessment • PEMP • McCallum Turner ISM Assessment
3.3.3 Lessons Learned	<ul style="list-style-type: none"> • ESH Self-Assessment • McCallum Turner ISM Assessment