

BNL ISM/Safety Improvement Project Plan (ATS# 4015)

ID	WBS	Task Name	% Complete	Baseline Finish	Actual Start	Actual Finish	Corrective Action Responsible Manager(s)	BHSO Counterpart
1	0	BNL ISM/Safety Improvement Project (ATS #4015)	0%	Fri 2/1/08	NA	NA		
2	1.0	Institutional Feedback and Improvement (NTS Report)	89%	Tue 3/31/09	Fri 2/1/08	NA	P. Looney	
3	1.3.4	Define and Develop SFA Analysis Capability	100%	Fri 3/28/08	Fri 2/1/08	Wed 3/26/08	T. Baker	
4	1.4.3	Review and update, as necessary, middle management (level II) and staff R2A2s and performance plans/personal goals to reflect their role in strategy execution and performance assurance.	100%	Wed 3/5/08	Fri 2/1/08	Wed 3/5/08	T. Baker	
5	1.4.8	Conduct an effectiveness review of the Operations performance management program re-engineering effort	80%	Sun 11/30/08	Mon 3/17/08	NA	T. Baker	
6	1.4.9	Conduct an effectiveness review of the Science performance management program re-engineering effort	0%	Tue 3/31/09	NA	NA	T. Baker	
7	2.0	Work Planning and Control Performance Improvement	75%	Tue 7/1/08	Mon 2/11/08	NA	C. Johnson	
8	2.2.2	Develop and Implement a web based or case study training course which includes how to: perform job hazard analyses/evaluations, conduct job walk down and job review, and conduct pre and post job briefing	75%	Tue 9/30/08	Mon 2/11/08	NA	S. Coleman / C. Johnson	
9	3.0	Documentation Improvement Initiatives	100%	Fri 8/15/08	Fri 11/30/07	Thu 6/19/08	R. Lebel	
10	3.2.1	Requirements Management Implementation - Phase 3 Contract Mapping- this activity assures all contract requirements and legal obligations are mapped to appropriate management systems	100%	Fri 8/15/08	Fri 11/30/07	Thu 6/19/08		
11	5.0	Arc Flash Type B Accident [ATS 3474]	47%	Tue 12/30/08	Fri 2/1/08	NA	A. McNerney	
12	---	Optimize Circuit Breakers trip settings [ATS 3474.1.2]	50%	Tue 9/30/08	Fri 2/1/08	NA		
13	---	Complete calculations/label remaining systems [ATS 3474.14.3]	40%	Tue 12/30/08	Fri 2/8/08	NA		
14	6.0	Integrated Assessment Actions and Ongoing Action Plan Risk Impact	80%	Tue 9/30/08	Fri 6/15/07	NA	S. Coleman	
15	6.1	Programmatic Deficiencies involving the Emergency Management Program [ATS 2243]	100%	Fri 2/29/08	Mon 11/5/07	Mon 3/10/08	J. Searing	
16	6.2	Equipment falls off the tailgate of a box truck resulting in a near miss to an injury [ATS 3255]	100%	Fri 2/29/08	Fri 11/30/07	Fri 3/14/08	D. King	
17	6.3	Positive unreviewed safety question at BNL Waste Management Facility [ATS 3625]	100%	Wed 5/28/08	Mon 12/3/07	Fri 5/2/08	G. Goode	
18	6.4	Programmatic Deficiency involving industrial hygiene exposure monitoring [ATS 3785]	80%	Tue 9/30/08	Fri 10/5/07	NA	R. Selvey	
19	6.5	Programmatic deficiencies involving electrical safety [ATS 3922]	65%	Mon 9/1/08	Thu 11/1/07	NA	R. Biscardi	
20	6.6	Subcontractor noncompliance with 10CFR851 Occupational Medicine Requirements [ATS 3949]	100%	Mon 3/31/08	Mon 12/10/07	Thu 7/31/08	P. Williams	
21	6.7	Overexposure to static magnetic field [ATS 4013]	10%	Fri 5/15/09	Mon 12/10/07	NA	B. Gunther	
22	6.8	Fire Protection Program Deficiencies [ATS 3784]	75%	Thu 7/31/08	Fri 6/15/07	NA	J. Levesque	
23	7.0	Safety Improvement Initiatives	92%	Tue 9/30/08	Fri 11/9/07	NA	S. Coleman	
24	---	Facility Safety Authorization Readiness - Develop & Implement the integrated corrective action plan, including the development of an institutional central authorization basis database	75%	Tue 9/30/08	Fri 12/14/07	NA		

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25	---	Institutional Safety Committee Reporting Structure - Rengineer the safety reporting structure to address improvement and efficiencies identified from the review and workshops	100%	Tue 9/30/08	Fri 11/9/07	Thu 7/31/08		
26	8.0	ES&H Inspection of BNL Programs Corrective Action Plan	52%	Wed 9/30/09	Fri 11/23/07	NA		
27	8.1	C-1 Finding - ES&H assurance requirements/controls are not adequately defined and communicated to workers through SBMS and supporting facility/functional level documents	9%	Wed 9/16/09	Mon 1/28/08	NA	P. Williams	
28	8.1.1	Corrective Action C-1.1 - Develop and document the enhanced process for developing SBMS Documents	100%	Mon 7/7/08	Mon 1/28/08	Mon 7/7/08	J. Canestro	Polanish
29	8.1.2	Corrective Action C-1.2 - Review and Revise SBMS Documents and significant institutional risk subject areas using the process developed in action C-1.1	0%	Mon 6/29/09	NA	NA	P. Williams	Polanish
30	8.1.2.1	Lockout Tagout Subject Area Revised and Communicated	0%	Mon 8/25/08	NA	NA	SME	Kelley
31	8.1.2.2	Personal Protective Equipment Subject Area Revised and Co	0%	Mon 10/6/08	NA	NA	SME	Cracco
32	8.1.2.3	Cryogenics Safety Subject Area Revised and Communicated	0%	Fri 1/30/09	NA	NA	SME	Janczewski
33	8.1.2.4	Construction Safety Subject Area Revised and Communicate	0%	Fri 2/27/09	NA	NA	SME	Hanson
34	8.1.2.5	Working with Chemicals Subject Area Revised and Communi	0%	Tue 3/31/09	NA	NA	SME	Janczewski
35	8.1.2.6	Confined Space Safety Subject Area and Communicated	0%	Thu 4/30/09	NA	NA	SME	Sullivan
36	8.1.2.7	Fire Protection Subject Area Revised and Communicated	0%	Fri 5/29/09	NA	NA	SME	Granzen
37	8.1.2.8	Exhaust Ventilation Subject Area Revised and Communicatec	0%	Mon 6/29/09	NA	NA	SME	Kelley
38	8.1.3	Corrective Action C-1.3 - Communicate new requirements and significant changes to subject areas revised in Corrective Action C-1.2	0%	Wed 9/16/09	NA	NA	SME Applicable subject area	Polanish
39	8.1.4	Perform an Effectiveness Review on ISM/Safety Improvement activities [WBS 2.1.2, 2.1.7, 3.1.5 & 3.2.1]	50%	Fri 1/30/09	Wed 4/30/08	NA	S. Coleman	Cracco
40	8.2	C-2 Finding - Managers and Supervisors have not ensured that workers implement established and required safety controls	53%	Mon 2/23/09	Wed 1/2/08	NA	G. Goode	
41	8.2.1	Corrective Action C-2.1 - Laboratory Director's Manager and Supervisor Forum	100%	Fri 2/1/08	Tue 1/29/08	Fri 2/1/08	B. Hempfling	Desmarais
42	8.2.2	Corrective Action C-2.2 - Leadership Development Connection and Communication	100%	Fri 2/1/08	Mon 1/14/08	Fri 2/1/08	B. Schwaner	Desmarais
43	8.2.3	Corrective Action C-2.3 - Performance Management System Enhancements - Drotter Human Resource Consulting assist Laboratory Management in Better defining performance	40%	Mon 12/1/08	Mon 3/3/08	NA	B. Schwaner	Desmarais
44	8.2.4	Corrective Action C-2.4 - Organization Conduct of Operations and Safety Town Hall Meetings	100%	Fri 2/29/08	Wed 1/2/08	Fri 2/29/08	S. Coleman	Desmarais
45	8.2.5	Perform an Effectiveness Review on ISM/Safety Improvement activities [WBS 1.4, 2.1.3, 2.2.1, 3.1.4, 3.1.5 & 7.3.2]	0%	Mon 2/23/09	NA	NA	S. Coleman	Cracco
46	8.3	C-3 Finding - Small science has not ensured that activity-level experiment safety reviews and job risk assessments provide sufficient information about work place hazards	38%	Tue 6/30/09	Fri 11/23/07	NA	S. Coleman	

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47	8.3.1	Corrective Action C-3.1 - Review/Revise the Experimental Safety Review (ESR) Process - a working group of work control managers and experimental review coordinators enhancements to the ESR process	100%	Fri 7/18/08	Fri 11/23/07	Wed 7/16/08	Johnson / Emrick / Coleman	Janczewski
48	8.3.2	Corrective Action C-3.2 - Develop and Implement a Web-Based Electronic ESR Process	5%	Tue 6/30/09	Fri 12/7/07	NA	Emrick/ Coleman	Janczewski
49	8.3.3	Corrective Action C-3.3 - Perform an Effectiveness review of the new web-based Experimental Safety Review Process	0%	Fri 1/15/10	NA	NA	Johnson / Coleman	Janczewski
50	8.3.4	Perform an Effectiveness Review on ISM/Safety Improvement activities [WBS 2.1.2 & 2.1.7]	100%	Fri 8/29/08	Mon 3/17/08	Fri 8/15/08	Johnson / Coleman	Cracco
51	8.4	C-4 Finding - Plant Engineering has not sufficiently implemented the requirements in the BNL-Wide work planning and control	77%	Fri 8/29/08	Mon 2/4/08	NA	S. Coleman	
52	8.4.1	Perform an Effectiveness Review on ISM/Safety Improvement activities [WBS 2.1.2 & 2.1.7]	100%	Fri 8/29/08	Mon 3/17/08	Fri 8/15/08	Johnson / Coleman	Cracco
53	8.4.2	OFI.1.2 - MAXIMO Work Order/Preventive Maintenance Job Planning Questions	0%	Wed 2/25/09	NA	NA	Johnson	
54	8.4.3	OFI.1.3 - Human Performance Deliverables and Measures for Success	0%	Tue 12/30/08	NA	NA	J. Labas	
55	8.4.4	OFI.1.4 - BNL Human Performance Advocate Expectations	0%	Tue 12/30/08	NA	NA	J. Labas	
56	8.5	D-3 Finding - BNL has not implemented an effective and compliant self-assessment program	32%	Wed 9/30/09	Fri 2/1/08	NA	R. Lebel	
57	8.5.1	Corrective Action D-3.1 - Review and Revise the Integrated Assessment Program Management System - this action is to develop a process for planning , prioritizing and conducting integrated assessments, including benchmarking DOE and other R&D sites.	60%	Tue 9/16/08	Fri 2/1/08	NA	R. Lebel	Polanish
58	8.5.2	Corrective Action D-3.2 - Create a baseline, risk-based assessment plan for each ESH&Q Management System - develop a baseline plan for ESH&Q Management System functions	50%	Tue 6/30/09	Mon 4/28/08	NA	R. Lebel / C. Parnell	Polanish
59	8.5.3	Corrective Action D-3.3 - Develop an annual assessment plan for each ESH&Q management system based on the baseline plans developed in CA D-3.1.	0%	Wed 9/30/09	NA	NA	R. Lebel / C. Parnell	Polanish
60	8.5.4	Corrective Action D-3.4 - Develop and deliver training for conducting Integrated Assessments - this activity includes developing and assigning Job Training Assessments (JTAs) and providing training on conducting assessments	20%	Tue 9/30/08	Thu 5/1/08	NA	R. Lebel	Polanish
61	8.5.5	Corrective Action D-3.5 - Revise the Integrated Assessment Program Management System Documentation - incorporate new process requirements and training developed from CA	0%	Fri 1/9/09	NA	NA	R. Lebel	Polanish
62	8.5.5.1	Conduct workshops/training sessions to communicate new subject area requirements	0%	Fri 1/9/09	NA	NA		
63	8.5.6	Corrective Action D-3.6 - Line Organization Implementation Effectiveness Review of Assessment Programs	0%	Wed 9/30/09	NA	NA	R. Lebel	
64	8.5.7	Perform an Effectiveness Review on ISM/Safety Improvement activities [WBS 1.1 & 1.2]	25%	Fri 2/20/09	Mon 3/31/08	NA	S. Coleman	Cracco

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65	8.6	D-4 Finding - BNL has not established and implemented an effective issues management program	24%	Wed 9/30/09	Thu 1/3/08	NA	R. Lebel	
66	8.6.1	Corrective Action D-4.1 - Establish an Institutional Issues and Assessments Tracking working group	100%	Fri 2/8/08	Thu 1/3/08	Fri 2/8/08	T. Schlagel	Parsons
67	8.6.2	Corrective Action D-4.2 - Identify Key ES&H Performance Information	20%	Tue 12/30/08	Mon 2/18/08	NA	Schlagel/Lebel / Parnell	Parsons
68	8.6.3	Corrective Action D-4.3 - Revise Roles, Responsibilities, Authorities and Accountabilities	0%	Tue 12/30/08	NA	NA	Schlagel/Lebel / Parnell	Parsons
69	8.6.4	Corrective Action D-4.4 - Revise Integrated Assessment Program Management System Documentation and Implement the ES&H Performance Information Process	0%	Fri 1/9/09	NA	NA	Lebel	Parsons
70	8.6.4.1	Conduct workshops/training sessions to communicate new subject area requirements	0%	Fri 1/9/09	NA	NA	Lebel	Parsons
71	8.6.5	Corrective Action D-4.5 - Line Organization Issues Management Implementation Effectiveness	0%	Wed 9/30/09	NA	NA	R. Lebel	Parsons
72	8.7	D-5 Finding - BNL has not implemented a rigorous and effective program for injury and illness investigations	58%	Wed 4/15/09	Wed 1/2/08	NA	P. Williams	Janczewski
73	8.7.1	Corrective Action D-5.1 - Revise the Investigation of Incidents, Accidents and Injuries Subject Area to include requirements for reporting incidents and events to BNL Categorizers	100%	Fri 2/1/08	Wed 1/2/08	Fri 2/1/08	Ellerkamp	Janczewski
74	8.7.2	Corrective Action D-5.2 - Use Trained Investigators to Perform Accident Investigation Analyses - future investigators will be designated by the Laboratory Director and Deputy Directors'. Update subject area to include new requirements.	100%	Thu 5/8/08	Fri 1/11/08	Fri 4/18/08	Ellerkamp	Janczewski
75	8.7.2.1	Conduct workshops/training sessions to communicate new subject area requirements	100%	Thu 5/8/08	Fri 1/11/08	Fri 4/18/08	Ellerkamp	Janczewski
76	8.7.3	Corrective Action D-5.3 - Review/evaluate prior accident investigations reports - assist in causal analyses and identify	100%	Thu 5/8/08	Fri 1/4/08	Thu 5/8/08	Ellerkamp	Janczewski
77	8.7.4	Corrective Action D-5.4 - Conduct accident investigation training and assign injury/illness investigators	50%	Tue 12/30/08	Wed 1/9/08	NA	Ellerkamp/Kane	Janczewski
78	8.7.5	Line Organization Implementation and Effectiveness of Injury and Illness Investigations & Reporting	0%	Wed 4/15/09	NA	NA	C. Parnell	Janczewski
79	8.8	ES&H CAP Compensatory Actions	100%	Fri 5/2/08	Fri 12/7/07	Fri 7/11/08	S. Coleman	
80	8.8.1	Condition 1 - Re-evaluate ESR 15403N work activities to identify hazards and controls	100%	Fri 2/1/08	Thu 1/31/08	Fri 2/1/08	Wegrzyn	Janczewski
81	8.8.2	Condition 2 - Re-evaluate ESR 18507E Rev 1 work activities to identify hazards and controls	100%	Fri 2/1/08	Thu 1/31/08	Fri 2/1/08	P. Kalb	Janczewski
82	8.8.3	Condition 3 - Re-evaluate ESR PM 2007-74 work activities to identify hazards and controls	100%	Thu 1/31/08	Mon 1/21/08	Thu 1/31/08	J. Taylor	Janczewski
83	8.8.4	Condition 4 - Re-evaluate ESR 15603 Rev 2 work activities to identify hazards and controls	100%	Fri 2/8/08	Mon 1/28/08	Fri 2/8/08	P. Sullivan	Janczewski
84	8.8.5	Condition 5 - Revise the lockout/tagout subject area to ensure all external regulations are addressed	100%	Thu 4/3/08	Fri 2/8/08	Mon 3/3/08	J. Durnan	Kelley
85	8.8.6	Condition 6 - Modify the work planning and control subject area to clarify work coordination and work complexity	100%	Tue 4/1/08	Wed 2/27/08	Wed 3/19/08	S. Coleman	Cracco

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86	8.8.7	Condition 7 - Instrumentation division local exhaust ventilation systems tested and labeled	100%	Thu 2/21/08	Mon 3/3/08	Fri 5/16/08	R. Beuttenmuller	Janczewski
87	8.8.8	Condition 8 - Personal Protective Equipment Working Group recommendations and resource loaded plan	100%	Fri 7/11/08	Mon 1/21/08	Fri 7/11/08	B. Gunther	Kelley
88	8.8.9	Condition 9 - Evaluate storage of flammable materials in Department/Division work spaces	100%	Fri 3/7/08	Mon 1/14/08	Mon 3/3/08	J. Levesque	Hanson
89	8.8.10	Condition 10 - Re-evaluate ESR PO2006-045 work activities to identify hazards and controls	100%	Fri 2/1/08	Mon 1/21/08	Fri 2/1/08	C. Homes	Janczewski
90	8.8.11	Condition 11 - Plant Engineering revision to O&M-MMC-003 SOP for collection and disposal of waste oil	100%	Fri 2/15/08	Mon 1/21/08	Fri 2/15/08	L. Somma	Hanson
91	8.8.12	Condition 12 - Install Guards for Belts and Pulleys in accordance with OSHA 1910.212(b)	100%	Fri 2/15/08	Mon 1/28/08	Mon 3/3/08	Stelmaschuk / Allingham /	Hanson / Janczewski
92	8.8.13	Condition 13 - Install GFCI Electrical Outlets in the HEMO shop	100%	Mon 2/4/08	Fri 1/4/08	Mon 2/4/08	T. Roza	Hanson
93	8.8.14	Condition 14 - Review and evaluate the FRA for Automotive Repair and Maintenance	100%	Fri 2/8/08	Fri 12/7/07	Mon 3/10/08	R. Allingham	Hanson
94	8.8.15	Condition 15 - Install a tire inflation cage in the HEMO shop for medium and large split rim truck tires	100%	Fri 2/1/08	Fri 12/7/07	Wed 3/19/08	T. Roza	Hanson
95	8.8.16	Condition 16 - Install a flammable storage container for the motor pool	100%	Fri 2/1/08	Tue 1/15/08	Fri 2/1/08	R. Allingham	Hanson
96	8.8.17	Condition 17 - Develop a Risk-based inspection schedule for Mechanical Equipment Rooms (MERs)	100%	Fri 5/9/08	Fri 2/15/08	Thu 5/8/08	P. Williams / C. Johnson	Hanson
97	---	ISM/Safety Improvement Project Closeout - verify and validate all activities are completed and appropriate documentation/objective evidence supports closure of the activity.	0%	Fri 1/29/10	NA	NA	S. Coleman	