

## Funding of ES&H Requirements

Principal Investigators must incorporate appropriate resource allocation for ES&H concerns in all research proposals, including the cost of safety equipment, permits, training, maintenance, waste disposal, and facilities modifications, unless covered by institutional funding sources.

## ATAP Resources

To facilitate implementation and execution of the Division ES&H Program, the following Division resources are made available:

<b>Time</b>	<b>Function</b>	<b>Description</b>
0.2	Division Deputy for Operations	Approximately 1 day per month: <ul style="list-style-type: none"><li>• supervising the ES&amp;H Coordinator,</li><li>• participating in the ES&amp;H Operations Committee</li><li>• coordinating safety policy with Division Management</li></ul>
1.0	Division ES&H Coordinator	Includes: <ul style="list-style-type: none"><li>• approximately 1 day per month in support of Safety Advisory Committee,</li><li>• 2 days per month on average on building management and space coordination</li></ul>
0.2	Safety Advisory Committee Representative	Approximately 1 day per month performing duties as Chair of the LBNL Safety Advisory Committee
0.1	Ergo Advocates	2 people perform ergo evaluations and provide info

The following Division resources are needed for Electrical Safety:

<b>Time</b>	<b>Function</b>	<b>Description</b>
2hrs/mo	LOTO Procedure Reviews	Performed by matrixed Qualified Electrical Workers
TBD	Electrical Safety Advocate(s)	<p>Responsibilities and level of effort to be determined by new electrical safety requirements. Preliminary duties include:</p> <ul style="list-style-type: none"> <li>• Act as a resource to employees, managers, and the Division Safety Coordinator for electrical safety-related concerns;</li> <li>• Reinforce good work practices to reduce at-risk behaviors;</li> <li>• Perform routine workplace conditions inspections to look for electrical hazards in office, industrial and/or laboratory spaces;</li> <li>• Perform surveys of electrical equipment and enter non-NRTL equipment into the Electrical Equipment Database for inspection;</li> <li>• Coordinate with the Electrical Safety Group to resolve issues with electrical workplace conditions; and</li> <li>• Be familiar with relevant resources including the Electrical Safety website, the Electrical Safety Database (QuickBase), and the Electrical Safety Manual;</li> <li>• Assist in developing Division Electrical Safety Plan.</li> </ul>

ES&H efforts are an integral part of all ATAP activities and are performed by all ATAP personnel as needed and appropriate to the job task. The estimated level of effort is anticipated to include, but is not limited to:

- ≥ 4 hr/Program /month Program ES&H Coordinator duties
- ≤ 1.5 hr/employee/month QUEST self-assessment team

**Estimated ES&H Support of ATAP  
From the EHS Division**

ATAP will require support from EHS Division professionals on an as-needed basis. EHS estimates that direct support activities may require a level of effort of approximately 0.50 FTE, as described below. ATAP also expects to receive EHS general programmatic support as described in the ES&H Manual, including, but not limited to, training courses.

<b>Function</b>	<b>FTE</b>
<b>Division Liaison Function</b>	
Liaison – WPC Activity Reviews	.05
Liaison -- Inspections (SA, etc.)	.10
Liaison -- Consultations, meetings, etc.	<u>.05</u>
	<b>.20</b>
<b>Other EHS Support</b>	
Electrical safety	.02
[NOTE: new requirements may increase level of effort]	
IH/H&S representative assistance (includes chemical issues, respirators, lead, noise, confined space, air quality, and other project support)	.10
Emergency coordination and management	.03
Accident/Incident investigation and ORPS	.03
Radiation and laser safety	.05
Waste -- Training, consultations	.05
Ergonomics	<u>.02</u>
	<b>.30</b>
<b>Total</b>	<b>.50</b>

**Note: EHS support of ALS is included in the ALS Division ISM Plan.**