

Porcelain Press

Issue 37, October/November, 2003

Special IOPS Edition! Focus on the Integrated Operations System

IOPS: Approach and Philosophy

The Integrated Operations Systems (IOPS) was built by researchers for researchers to help them get their work done "at the bench." (3K660)

Enabling vs Controlling

IOPS is based on the philosophy of creating an "enabling" rather than controlling environment. IOPS allows workers to modify the work controls to meet their needs, within established bounds, using a flexible system of tools and information.

Flexibility Based on Accountability

The flexibility of IOPS is a strength, but workers are responsible and accountable for understanding the hazards of their work, implementing the requirements, and taking action (including stopping work) if unmitigated hazards are encountered or if their work leads them outside of the authorized controls for their work.

Consensus-based Work Practices

IOPS requirements are distilled from SBMS to meet the needs of the facility and the work done in it. Every facility has a Safety Committee that helps to develop tailored Work Practice Documents. Permits for hazardous activities are typically developed by the worker with support from their Safety & Health Representative. If a Work Practice or a permit is not meeting the needs of the work, the user can easily get appropriate modifications made.

R²A²: Roles, Responsibilities, Accountabilities, & Authorities

Everyone at PNNL performs roles that can impact safety or environmental compliance. Lab-wide R²A² are documented in SBMS including several important to effectively implement IOPS.

Staff

- Report unsafe conditions
- Comply with requirements
- Obtain variances if appropriate
- Communicate work activities to your Cognizant Space Manager (3J775)

Cognizant Space Manager

- Have general knowledge of work being performed
 - Manage access to your space (39185)
 - Conduct self-assessments
 - Contact management for assistance when needed (e.g., resources or personnel issues)

Line Manager

- Provide and deploy resources
- Appoint Cognizant Space Managers
- Establish expectations that work must be performed in accordance with requirements (including IOPS)

IOPS Administrator

- Manage facility specific data in IOPS
 - Coordinate facility IOPS Safety Committee activities
 - Primary contact for IOPS questions or assistance
- Contact your IOPS Administrator for help with IOPS

*Understand
the hazards of your work,
know the requirements
for hazard mitigation,
WORK SAFELY*

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If your payroll number is listed in this issue, you've just won a VPP Prize!

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