

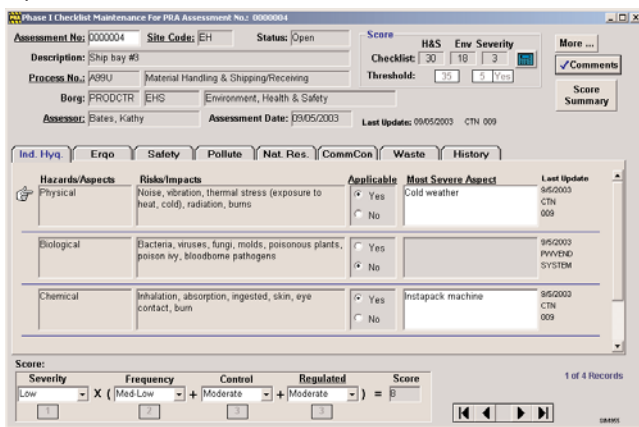


Process Risk Assessment

The EHSdesk™ **Process Risk Assessment (PRA)** module provides a mechanism for identifying, prioritizing, and controlling risks to worker safety and the environment. PRA's methodology integrates environment, health, and safety analysis within a common framework for manufacturing, maintenance, or other types of processes. PRA uses a top-down approach to identify process hazards and aspects, steps, risks, and control measures.

Features and Functionality

- Standard methodology for identifying and controlling risks and impacts to prevent injuries and illnesses as well as protect the environment
- Configurable threshold scoring criteria can be set at different levels for different sites or budgets
- Algorithm-based scoring provides automatic worst case overall score communications to employees utilizing processes



Hazards/Aspects	Risks/Impacts	Applicable	Most Severe Aspect	Last Update
Physical	Noise, vibration, thermal stress (exposure to heat, cold), radiation, burns	<input type="radio"/> Yes <input type="radio"/> No	Cold weather	9/5/2003 CTN 009
Biological	Bacteria, viruses, fungi, molds, poisonous plants, poison ivy, bloodborne pathogens	<input type="radio"/> Yes <input type="radio"/> No		9/5/2003 PYYVND SYSTEM
Chemical	Inhalation, absorption, ingested, skin, eye contact, burn	<input type="radio"/> Yes <input type="radio"/> No	Instapack machine	9/5/2003 CTN 009

Hazards/Aspects Checklist


- Task/step level documentation of inputs/outputs and control measures for processes that meet initial risk score threshold is provided
- Review and approval process supported for each process risk assessment
- Related EHSdesk information linked in the assessment
- Typical users include EHS Professionals, EHS Managers, Industrial Hygienists, and Operations Personnel

Benefits

- Provides the organization with a standard EHS assessment tool and database that links to more detailed information within EHSdesk
- Provides ability to prioritize EHS process assessments
- Reduces the number and cost of work-related injuries, illnesses, and environmental impacts
- Provides information for better annual planning

E-mail/Reports

- Ad hoc reporting is available using flexible search windows with multiple filters and sorts; query results can be printed or saved to an Excel™ or Acrobat™ format



Business Organization	Process	Comments	Status	H&S Env Severity	Threshold
PRODCTR EHS Environment, Health & Safety	AIRU - Material Handling & Shipping/Receiving	Ship bay #3	Open	30 18 3	35 5 10

Posting Report

- Reports available for Phase I and Phase II data including hazards/aspects, PPE listing, and ISO controls
- Formatted PRA assessment available for posting at process site

Integration Points

- Provides a folder listing all data related to the identified process/activity from the following modules:
 - EHSdesk **Lock Out/Tag Out (LOTO)** and/or EHSdesk **Machine Guard (MG)** assessments, based on identified Equipment
 - EHSdesk **Design Process Review (DPR)**, process change requests
 - EHSdesk **Corrective Action Requests (CAR)**,
 - EHSdesk **Ergonomic (ERGO)**, assessments
 - EHSdesk **Incident Tracking & Analysis (ITA)**, injuries
 - EHSdesk **Waste**, waste characterizations
 - EHSdesk **Industrial Hygiene (IH)**, assessments
- EHSdesk **Confined Space (CS)**; shares the same personal protective and hazards master data tables
- EHSdesk **Corrective Action Request (CAR)**; a CAR can be triggered during the Phase II assessment, to correct a missing or deficient control

Compliance

Assists in meeting certification requirements, such as ISO 14001, BSI-OHSAS 18001, and OSHA Voluntary Protection Program (VPP)



Facilitates compliance with 29 CFR 1900.1 and 29 CFR 1910.132(d) regulations

Process Flow

