

Title:

Hazard Analysis

Revision:

A, 1

Revision Date:12/07/2007

Process Description/Objective:

This process describes the analysis for hazards in systems or with materials used in aerospace applications. The exact nature of the analysis is agreed upon during the customer agreement review.

Process Steward(s):

- Harold D Beeson
 - Mark R Leifeste
-

Interfacing Processes

- Reimbursable
 - Test Reports and WSTF Documentation
 - Return Customer Supplied Product
 - Customer Surveys
 - Task and Delivery Order
 - Purchase Request-Purchase Order
-

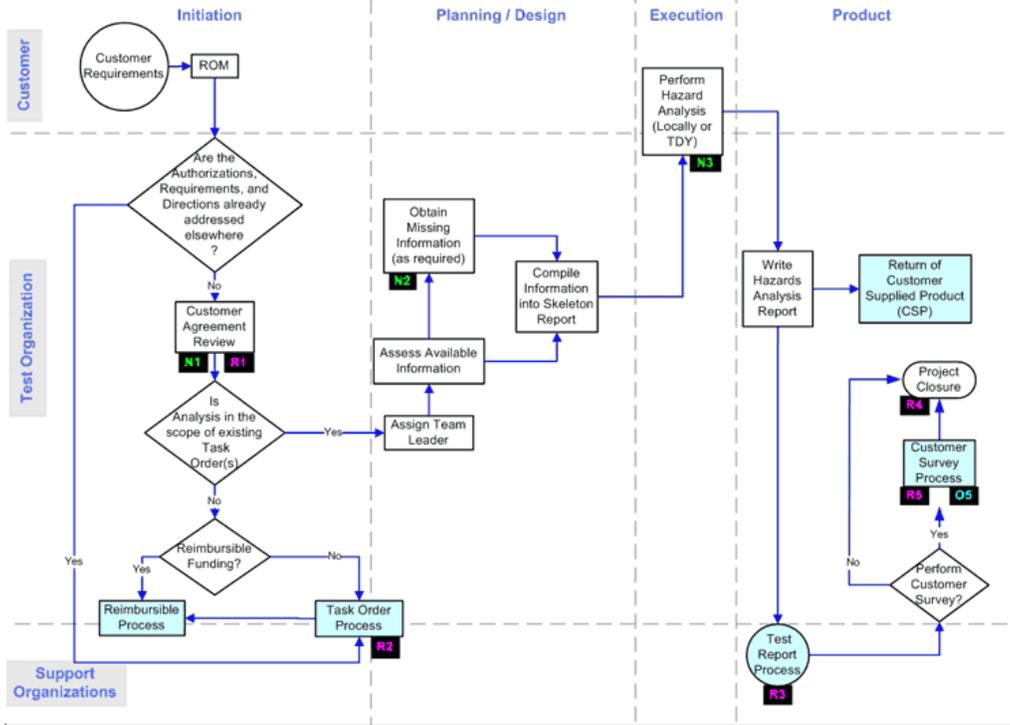
Input Requirements:

Customer requirements and possibly customer supplied product

Output Requirements:

Report and possibly customer supplied product

Note: The following measures may be taken at any time during the process: **R1 R2 R3 O1 O2 O3 O4**



NOTES

Note 1

Customer Agreement Review (WSP 03-0001).

The project managers are empowered to establish the threshold at which routine customer communication becomes a complaint, and are accountable to management for the customer relationship. WSP09-0014, *Project Management* and WSI 01-SW-0001, *Customer Survey Process* discuss processing customer input in general.

Note 2

Travel may be required. If so, the PR/PO Infrastructure Process will be invoked.

Note 3

Travel may be required. If so, the PR/PO Infrastructure Process will be invoked.

Note: Includes Real-time Report Writing, as required

RECORDS

Record 1

Customer Agreement Review

Record 2

Task Order

Record 3

Hazards Analysis

Record 4

Project File (for Type 1 Projects only).

Record 5

S&MA Customer Survey Files

IN PROCESS METRICS

In Process Metric 1

Number of Active Projects

In Process Metric 2

Cost Performance Index (CPI)

In Process Metric 3

Schedule Performance Index (SPI)

OUTPUT METRICS

OutPut Metric 1

Number of Completed Projects Meeting Objectives

OutPut Metric 2

Evaluation Feedback (Number of + and - Ratings)

OutPut Metric 3

Standard Deviation of CPIs for Completed Projects

OutPut Metric 4

Evaluation Feedback (Percentage of Projects Meeting Milestones, Deliverables, and Cost)

OutPut Metric 5

Customer satisfaction

MSM DOCUMENTS

Customer Agreement Review (WSP-03-0001)

Project Management (WSP-09-0014)

Certification and Recertification of Pressurized Oxygen Systems (WSI-09-SW-0011)

REFERENCES

Guide for Hydrazine Hazards Analyses on Components and Systems

Guide for Nitrogen Tetroxide hazards Analyses on Components and Systems

Guide for Oxygen Hazards Analyses on Components and Systems