

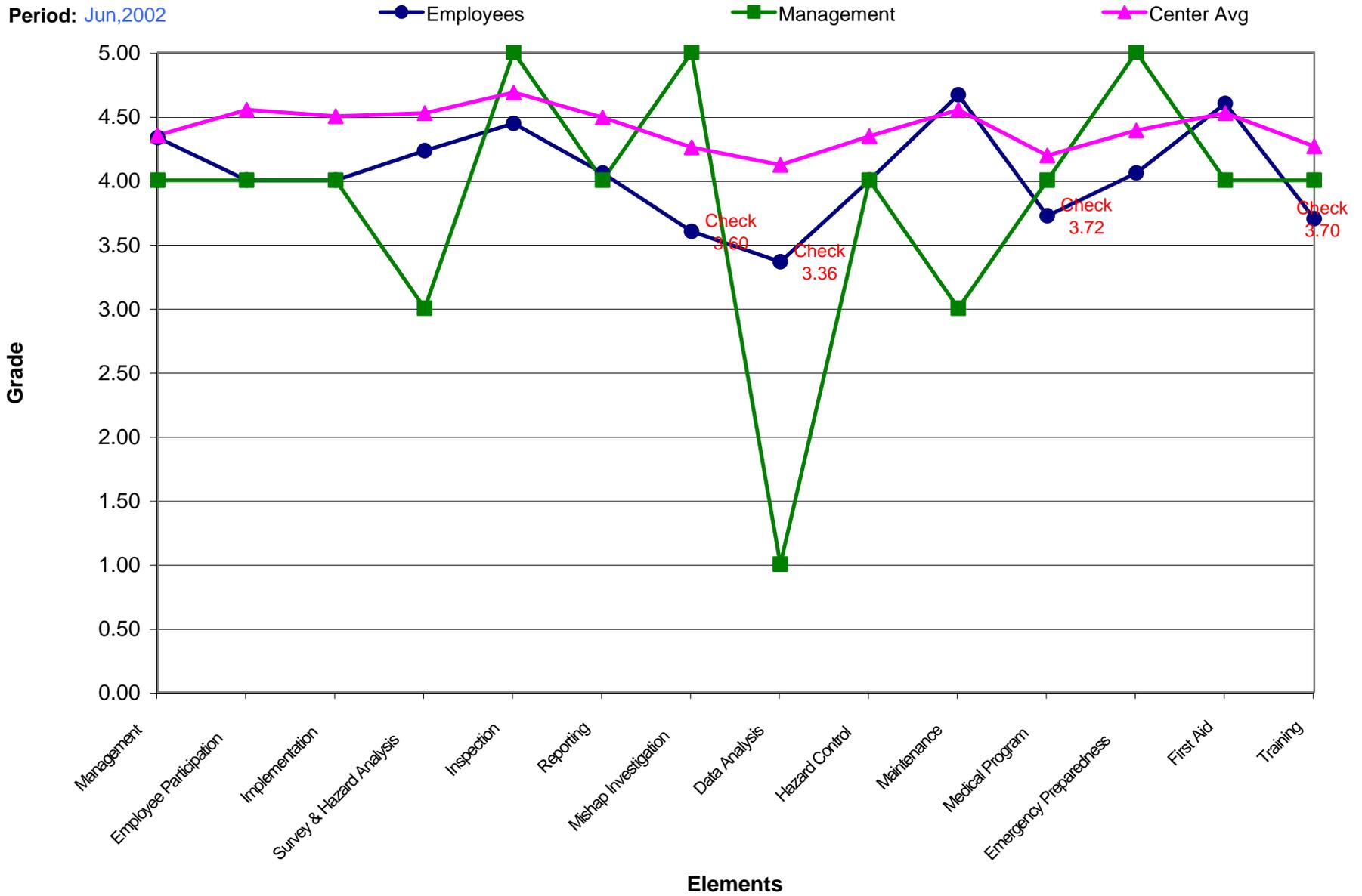
Occupational Safety Employee - Management for Marshall Space Flight Center

Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

Division: ED03

Period: Jun,2002





Occupational Safety Performance Evaluation Profile (PEP) Scoreboard for Employees

Marshall Space Flight Center

Supported Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

For Period
Jun,2002



**PEP Score
for
Employees**

	Management Leadership and Employee participation				Worksite Hazard Analysis					Hazard Prevention and Control				Safety Health Training	
	Management Leadership and Employee participation				Workplace Analysis			Accident and Record Analysis		Hazard Prevention and Control			Emergency Response	Safety Health Training	
	Management Leadership	Employee Participation	Implementation Tools	Contractor Safety	Survey and Hazard Analysis	Inspection	Reporting	Accident Investigation	Data Analysis	Hazard Control	Maintenance	Medical Program	Emergency Preparedness	First Aid	Training
Engineering Dir-ED03	4.3	4.0	4.0		4.2	4.4	4.1	3.6	3.4	4.0	4.7	3.7	4.1	4.6	3.7
15 Element Avg.	4.3	4.0	4.0		4.2	4.4	4.1	3.6	3.4	4.0	4.7	3.7	4.1	4.6	3.7
6 Element Avg.				4.1			4.2		3.5			3.9		4.3	3.7
4 Element Avg.				4.1					3.9					4.1	3.7
Overall Score	4.0														



Occupational Safety Performance Evaluation Profile (PEP) Scoreboard for Management
 Marshall Space Flight Center

Supported Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

For Period

Jun,2002



**PEP Score
for
Management**

	Management Leadership and Employee participation				Worksite Hazard Analysis					Hazard Prevention and Control				Safety Health Training	
	Management Leadership and Employee participation				Workplace Analysis			Accident and Record Analysis		Hazard Prevention and Control			Emergency Response		Safety Health Training
	Management Leadership	Employee Participation	Implementation Tools	Contractor Safety	Survey and Hazard Analysis	Inspection	Reporting	Accident Investigation	Data Analysis	Hazard Control	Maintenance	Medical Program	Emergency Preparedness	First Aid	Training
Engineering Dir-ED03	4.0	4.0	4.0	2.0	3.0	5.0	4.0	5.0	1.0	4.0	3.0	4.0	5.0	4.0	4.0
15 Element Avg.	4.0	4.0	4.0	2.0	3.0	5.0	4.0	5.0	1.0	4.0	3.0	4.0	5.0	4.0	4.0
6 Element Avg.				3.5				4.0	3.0				3.7	4.5	4.0
4 Element Avg.				3.5					3.6					4.0	4.0
Overall Score	3.7														



Occupational Safety PEP MORT Chart



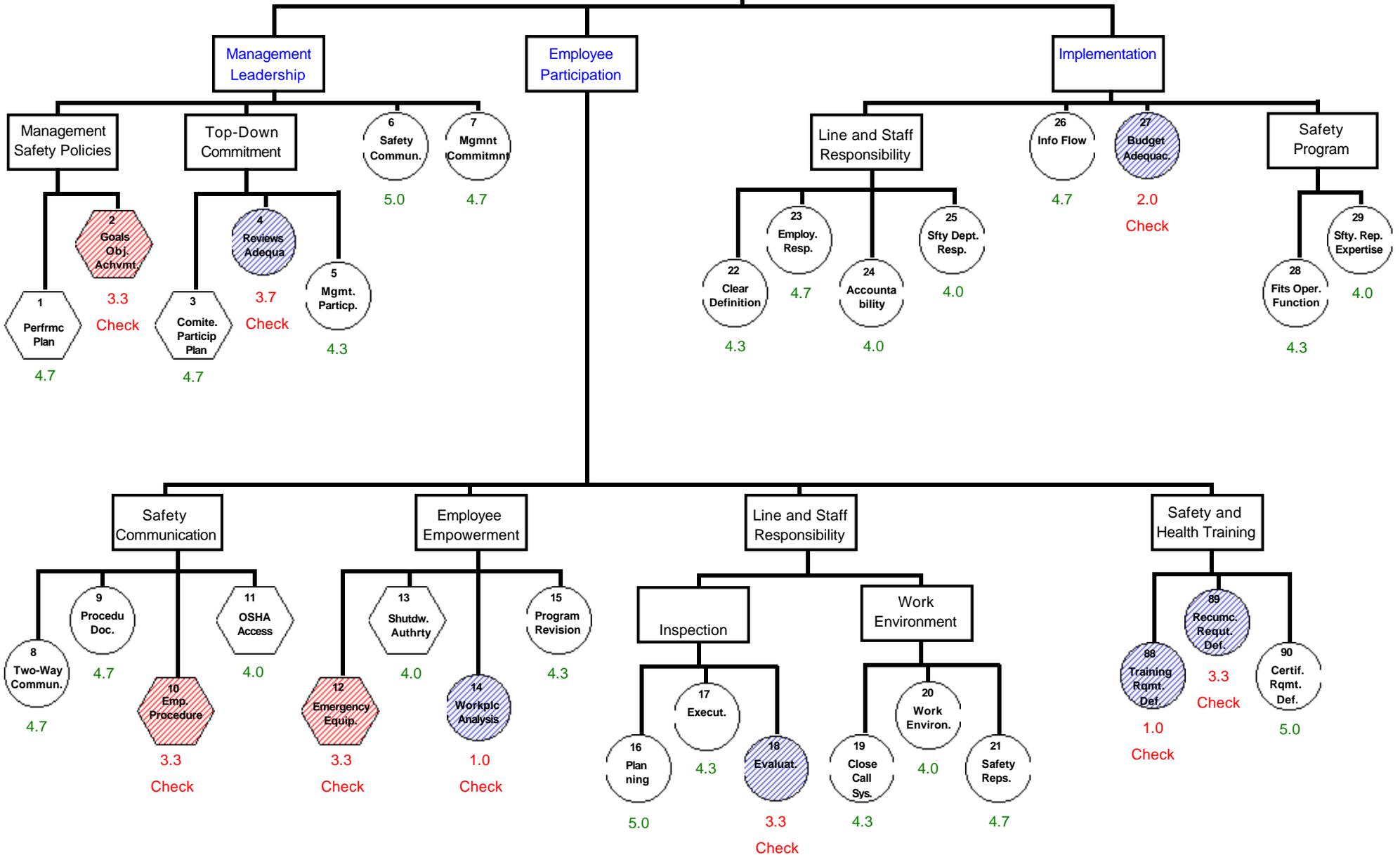
Supported Nasa Organization: Engineering Directorate

ED03

Management Leadership

Organization: Engineering Directorate

- OSHA Question
- NASA Question
- OSHA Question rated below 3.8
- NASA Question rated below 3.8





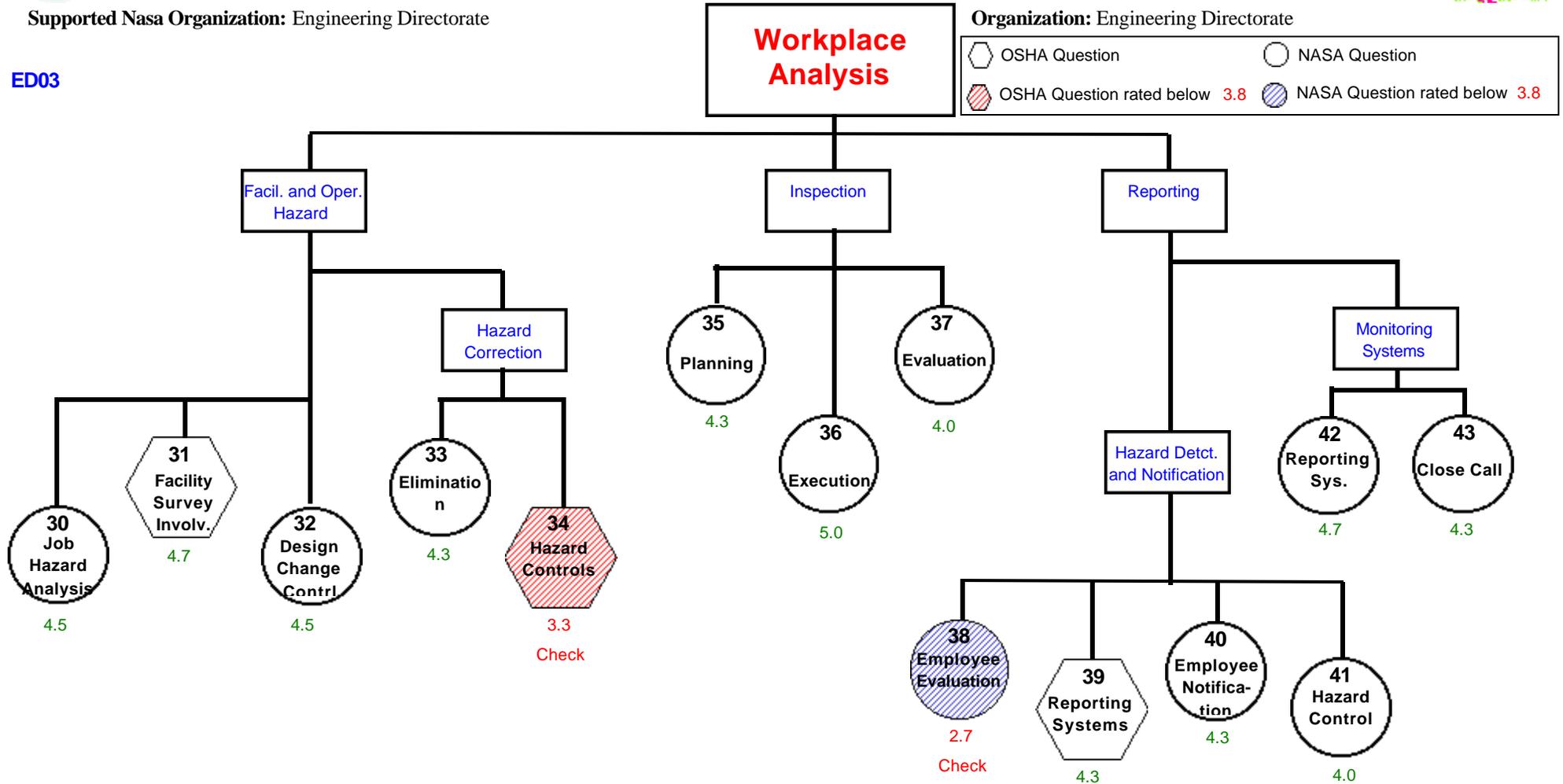
Occupational Safety PEP MORT Chart



Supported Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

ED03





Occupational Safety PEP MORT Chart



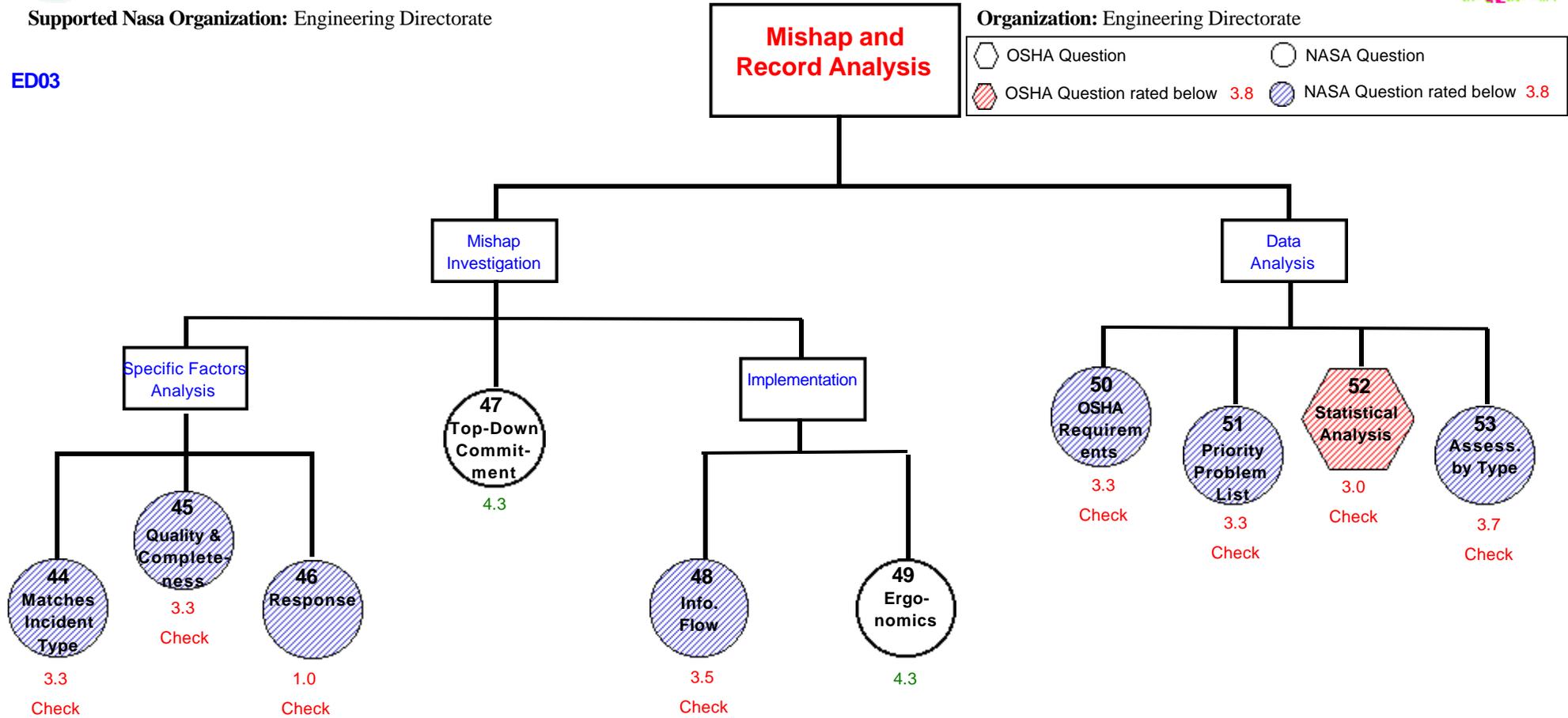
Supported Nasa Organization: Engineering Directorate

ED03

Mishap and Record Analysis

Organization: Engineering Directorate

OSHA Question	NASA Question
OSHA Question rated below 3.8	NASA Question rated below 3.8





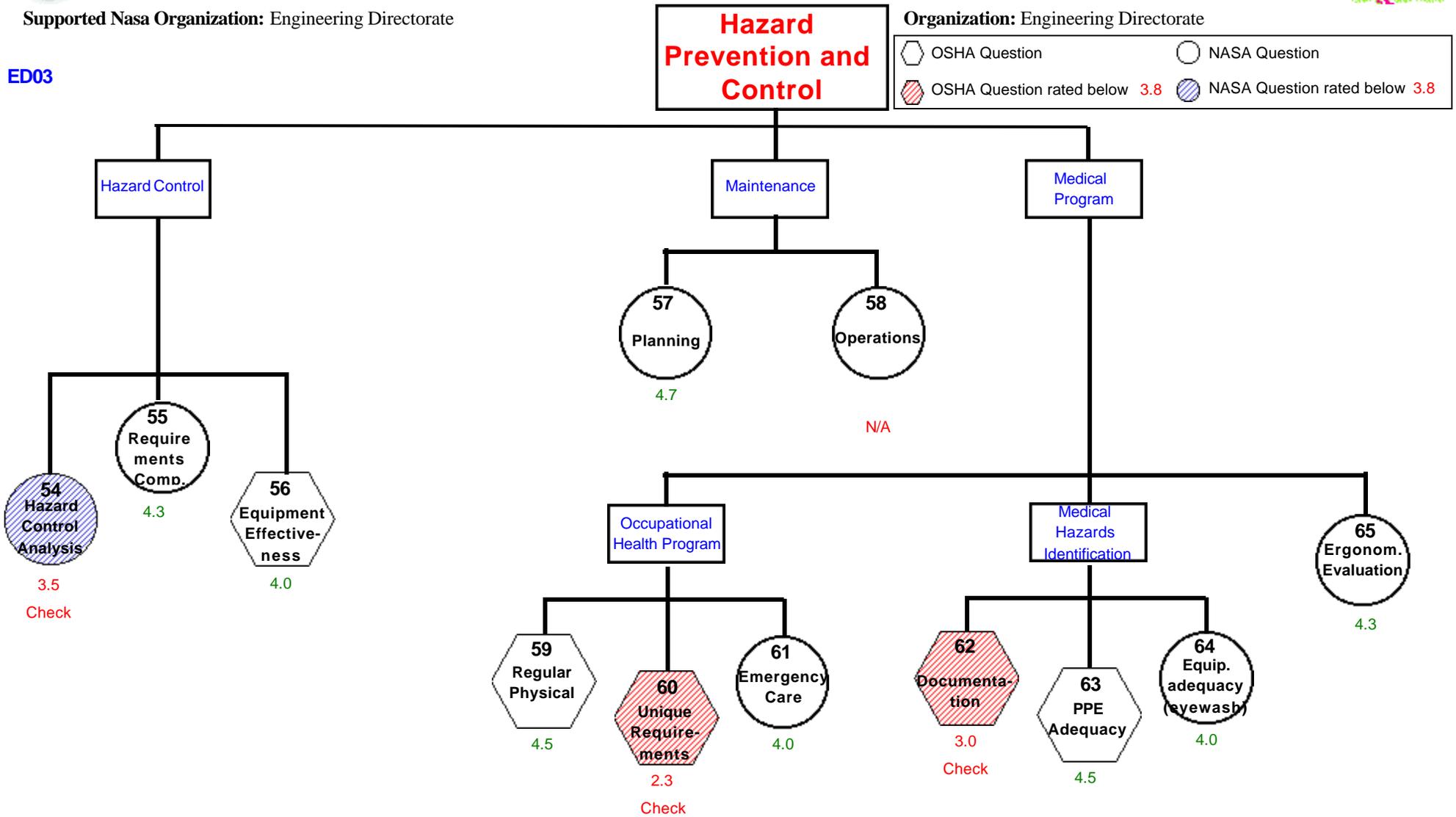
Occupational Safety PEP MORT Chart



Supported Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

ED03





Occupational Safety PEP MORT Chart



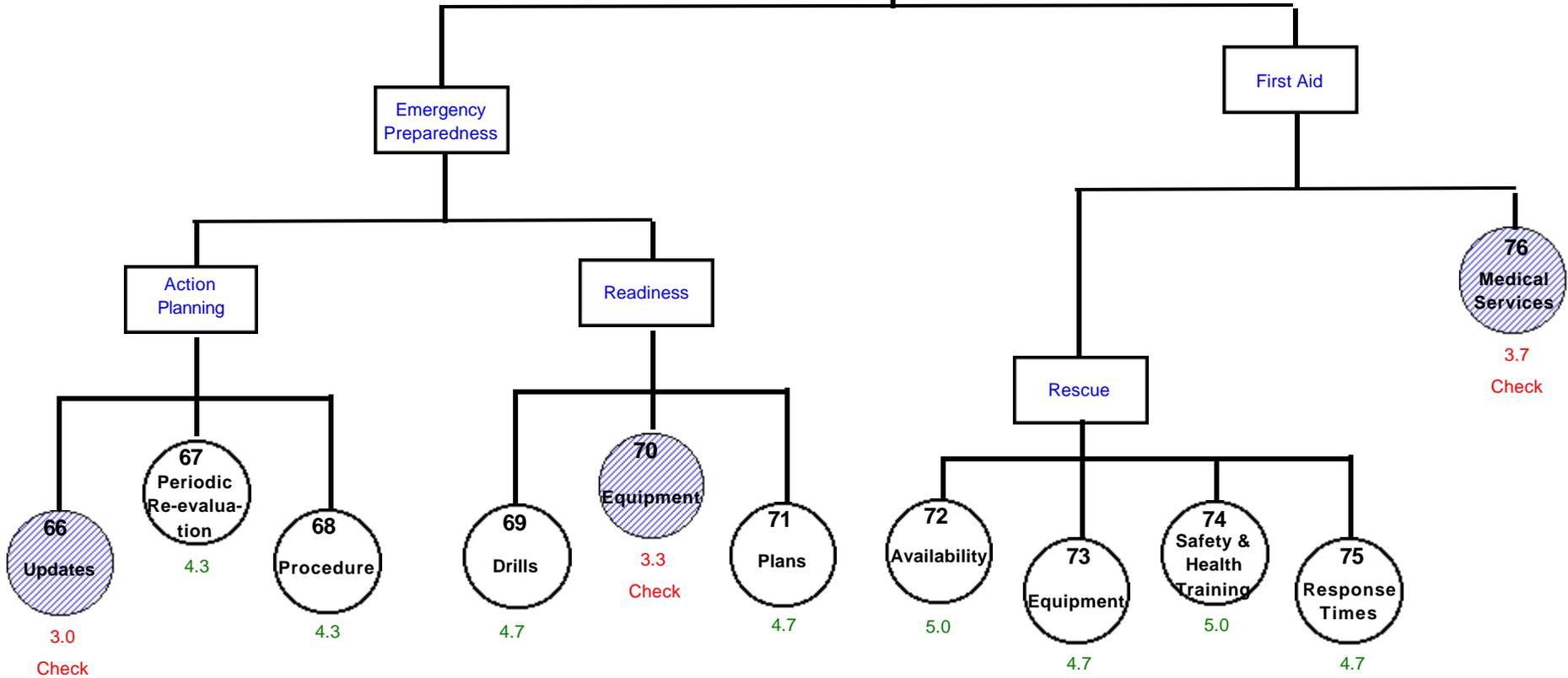
Supported Nasa Organization: Engineering Directorate

Emergency Response

Organization: Engineering Directorate

ED03

○ OSHA Question ○ NASA Question
▨ OSHA Question rated below 3.8 ▨ NASA Question rated below 3.8





Occupational Safety PEP MORT Chart



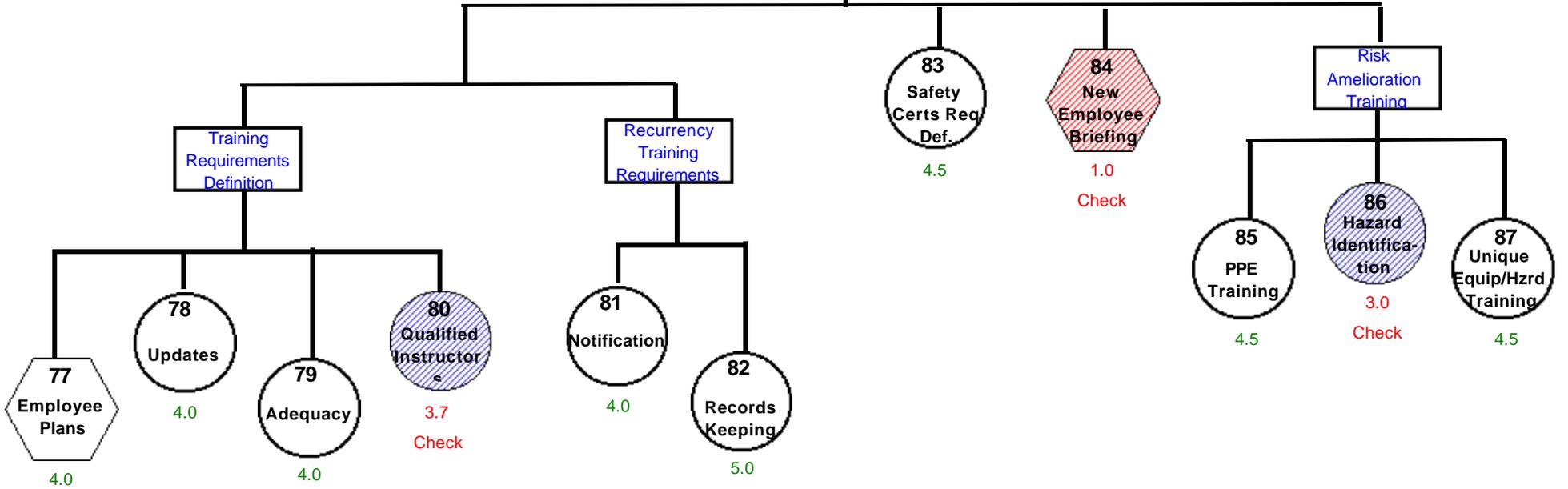
Supported Nasa Organization: Engineering Directorate

Safety and Health Training

Organization: Engineering Directorate

ED03

OSHA Question NASA Question
 OSHA Question rated below 3.8 NASA Question rated below 3.8





OSHA Get Well Plan for All Categories

Marshall Space Flight Center



For Period Supported Nasa Organization: Engineering Directorate

Jun,2002 **Organization:** Engineering Directorate

ED03

Recommendations for improvement on your existing Safety and Health Program for

Questions rated below 3.8

MANAGEMENT LEADERSHIP AND EMPLOYEE PARTICIPATION

MANAGEMENT LEADERSHIP

- Q 2** - (OSHA 1900.1, para (c.)(1)(ii)(A&B))(FR 65:45649-45663, para III,F,5,a,1,(a))(FR 54:3904-3916, Guidelines, c,(ii)) Managers should establish and communicate clear goals for the safety and health program and the objectives for meeting these goals.
- Q 4** - (OSHA 1900.1, para (c.)(2)(ii))(FR 65:45649-45663, para III,F,5,a,(6))(FR 54:3904-3916, Guidelines, c,(iv)) Employers must encourage employee involvement in the structure and operations of the program and in the decisions that affect their safety and health. This includes participation in safety and health committees constituted in accordance with the National Labor Relations Act.

EMPLOYEE PARTICIPATION

- Q 10** - (OSHA TED 8.1a, Appendix A, para. E) (OSHA 1900.1, para. (f.)(4))(FR 65:45649-45663, para III,F,5,c,(2),(d))(FR 54:3904-3916, Guidelines, b,(iv)) Employers should provide emergency procedures for all work shifts at the site. These procedures must be written and communicated to all employees.
- Q 12** - (OSHA TED 8.1a, Appendix A, para. E) (OSHA 1900.1, para. (f.)(4))(FR 65:45649-45663, para III,F,5,c,(2),(d))(FR 54:3904-3916, Guidelines, c,(viii),(C),(3),(iii)) Emergency procedures must include requirements for personal protective equipment, first aid, medical care, and emergency egress.
- Q 14** - (OSHA TED 8.1a, Appendix D, "General") (OSHA 1900.1, para. (f.)(2)(i))(FR 65:45649-45663, para III,F,5,c)(FR 54:3904-3916, Guidelines, c,viii, (C),(v),(3)) Employers should assure that all current and potential hazards are understood and hazard controls are followed by all parties at the worksite.
- Q 18** - (OSHA 1900.1, para. (c.)(2)(ii)(E.))(FR 65:45649-45663, para III,F,5,b)(FR 54:3904-3916, Guidelines, c,(viii),(C),(iii)) Worksite analysis and inspection should include an examination and analysis of safety and health hazards associated with individual jobs. The results of these analyses and inspections should be included in employee training and hazard control programs.
- Q 88** - (OSHA 1900.1, para. (c)(2)(ii)(C.))(FR 65:45649-45663, para III,F,5,a,(6)) Employees should assist in developing training requirements in their work area.
- Q 89** - (OSHA 1900.1, para. (c)(2)(ii)(C.))(FR 65:45649-45663, para III,F,5,a,(6))(FR 54:3904-3916, Guidelines, c,(iv)) Employees should assist in developing training requirements in their work area.

IMPLEMENTATION TOOLS

- Q 27** - (OSHA 1900.1, para. (b.)(1))(FR 65:45649-45663, para III,F,5,a,(5),(g))(FR 54:3904-3916, Guidelines, c,(vi)) Management should provide adequate safety and health resources to those who have the responsibility and authority for the safety and health program.

WORKPLACE ANALYSIS

SURVEY AND HAZARDS ANALYSIS



OSHA Get Well Plan for All Categories

Marshall Space Flight Center



Q 34 - (OSHA 1900.1, para. (e.)(1))(FR 65:45649-45663, para III,F,5,c,(3))(FR 54:3904-3916, Guidelines, c,(viii),(C),(3)) Site hazards identified during the hazard analysis process should be abated using a control hierarchy that stresses engineering controls as the primary means of hazard control.

REPORTING

Q 38 - (OSHA 1900.1, para. (c.)(2)(ii)(B.))(FR 65:45649-45663, para III,F,5,b,(5))(FR 54:3904-3916, Guidelines, c,(viii),(C),(iii)) Employees should be provided with a reliable system to report hazards and close calls (near misses). This system should provide for timely and appropriate responses.

MISHAP RECORDS AND ANALYSIS

MISHAP INVESTIGATION

Q 44 - (OSHA 1900.1, para. (d.)(4))(FR 65:45649-45663, para III,F,5,b,(6))(FR 54:3904-3916, Guidelines, c,(viii),(C),(iii)) An accident/incident investigation system should be provided that includes written procedures or guidance, with written reports of findings and hazard elimination or control tracking to completion. Investigations should seek out root causes of mishaps and close calls.

Q 45 - (OSHA 1900.1, para. (c.)(2)(ii)(C))(FR 65:45649-45663, para III,F,5,a,(6),(c))(FR 54:3904-3916, Guidelines, c,(viii),(C),(iii)) Employee representatives should be a part of all inspections/investigations.

Q 46 - (OSHA 1900.1, para. (c.)(2)(ii)(E.))(FR 65:45649-45663, para III,F,5,b,(6))(FR 54:3904-3916, Guidelines, c,(viii),(C),(iii)) Employers should provide a reliable system for employees to report close calls (near misses) that provides timely and appropriate responses.

Q 48 - (OSHA 1900.1, para. (f.)(1))(FR 65:45649-45663, para III,F,5,a,(1),(a))(FR 54:3904-3916, Guidelines, c,(viii)) Employers should communicate clearly established policies for worker safety and health protection to all employees.

DATA ANALYSIS

Q 50 - (OSHA 1904) Agencies should maintain records of safety and health information as required by OSHA.

Q 51 - (OSHA 1900.1, para. (d.)(2)(iv))(FR 65:45649-45663, para III,F,5,b,(3))(FR 54:3904-3916, Guidelines, c,(viii),(C),(v)) Employers should analyze injury and illness trends over time so that patterns with common causes can be identified and prevented.

Q 52 - (OSHA 1900.1, para. (d.)(2)(iv))(FR 65:45649-45663, para III,F,5,b,(3))(FR 54:3904-3916, Guidelines, c,(viii),(C),(v)) Employers should analyze injury and illness trends over time so that patterns with common causes can be identified and prevented.

Q 53 - (OSHA 1900.1, para(d.)(4))(FR 65:45649-45663, para III,F,5,b)(FR 54:3904-3916, Guidelines, c,(viii)) Management of safety and health programs must begin with a thorough understanding of all hazardous situations to which employees may be exposed and the ability to recognize and correct all hazards as they arise.

HAZARD PREVENTION AND CONTROL

HAZARD CONTROL

Q 54 - (OSHA 1900.1, para (e))(FR 65:45649-45663, para III,F,5,a,(6),(f))(FR 54:3904-3916, Guidelines, c,(viii),(C), (ii)) Site inspections and audits should include an assessment of hazard control adequacy.

MEDICAL PROGRAM



OSHA Get Well Plan for All Categories

Marshall Space Flight Center



Q 60 - (OSHA TED 8.1a, Appendix D(5), "Health Program")(FR 65:45649-45663, para III,F,5,b,(2),(b))(FR 54:3904-3916, Guidelines, c,(viii),(C),(3),(iv)) The identification of health hazards and employee exposure levels should be accomplished through an industrial hygiene sampling rationale and strategy.

Q 62 - (OSHA TED 8.1a, Appendix D(5), "Health Program")(FR 65:45649-45663, para III,F,5,b,(2),(b))(FR 54:3904-3916, Guidelines, c,(viii),(C),(3),(iv)) The identification of health hazards and employee exposure levels should be accomplished through an industrial hygiene sampling rationale and strategy.

EMERGENCY RESPONSE

EMERGENCY PREPAREDNESS

Q 66 - (OSHA1910.38) Emergency plans should be developed by qualified safety professionals, updated at least annually, and posted for employee information.

Q 70 - (OSHA1910.32, 38, & 157) Worksite emergency equipment should be capable of controlling identified emergencies.

FIRST-AID

Q 76 - (OSHA 1910.151)(FR 65:45649-45663, para III,F,5,d)(FR 54:3904-3916, Guidelines, c,(viii),(C),(3),(iv)) Employers should establish a medical program which includes the availability of first aid on-site and of physician and emergency medical care nearby, so that severity will be minimized in any illness or injury that does occur.

SAFETY AND HEALTH TRAINING

TRAINING

Q 80 - (OSHA 1900.1(f))(FR 65:45649-45663, para III,F,5,a,(5),(g))(FR 54:3904-3916, Guidelines, b,(4)) Employers should provide employees with access to information and training provided by certified safety professionals, certified industrial hygienists, and other licensed health care professionals and experts based on the risks at the worksite.

Q 84 - (OSHA 1900.1, para. (f)(3)(B.)) A formal orientation plan should be provided for all new hires.

Q 86 - (OSHA 1910.120, App. E) Employees should be trained to recognize hazards, violations of industry standards, and facility practices.