

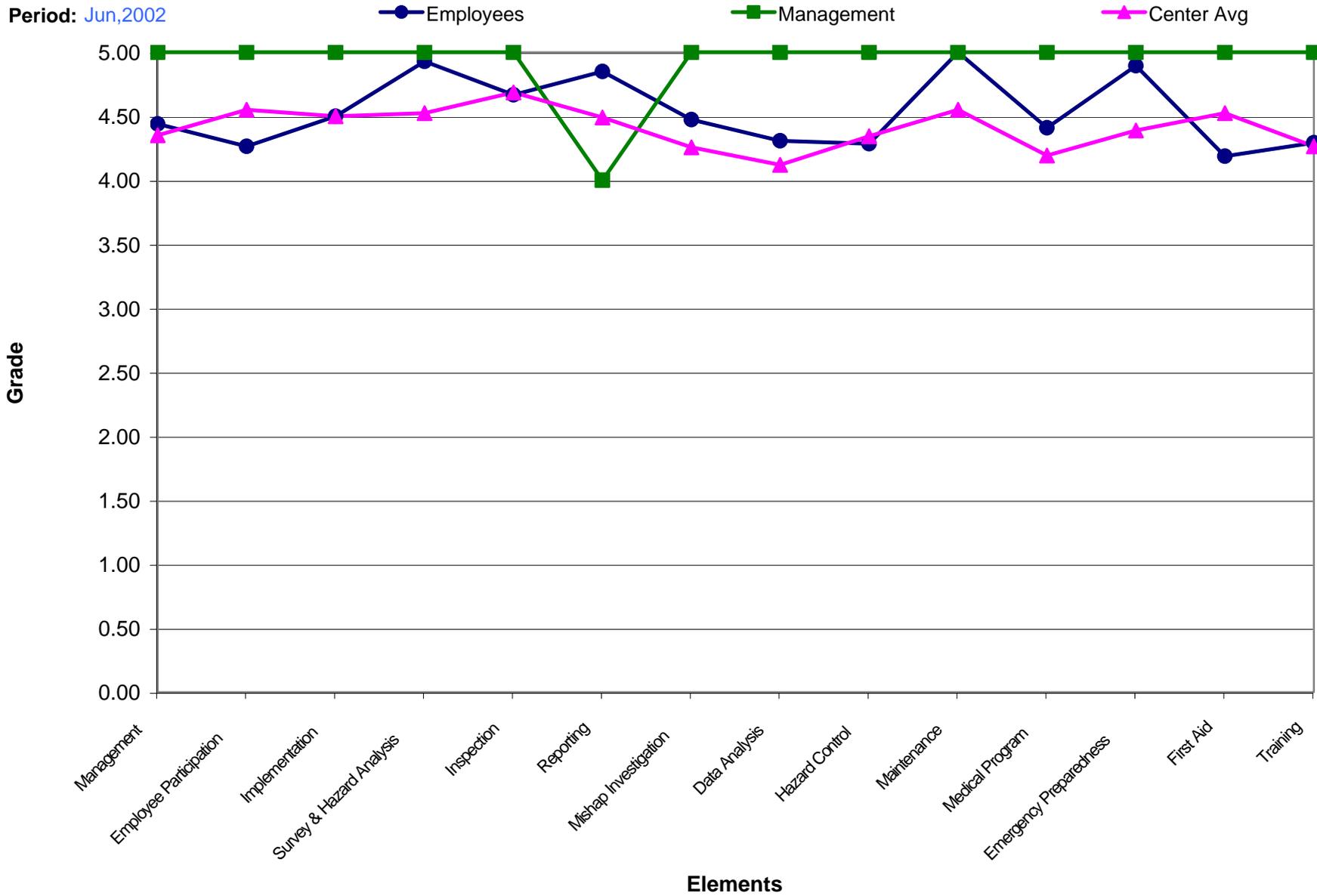
Occupational Safety Employee - Management for Marshall Space Flight Center

Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

Division: ED02

Period: Jun,2002





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

Supported Nasa Organization: Engineering Directorate

For Period
 Jun,2002

Organization: Engineering Directorate



**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-ED02	4.4	4.3	4.5		4.9	4.7	4.9	4.5	4.3	4.3	5.0	4.4	4.9	4.2	4.3
15 Element Avg.	4.4	4.3	4.5		4.9	4.7	4.9	4.5	4.3	4.3	5.0	4.4	4.9	4.2	4.3
6 Element Avg.				4.4			4.8		4.4			4.5		4.6	4.3
4 Element Avg.				4.4					4.7					4.5	4.3
Overall Score	4.5														



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

Supported Nasa Organization: Engineering Directorate

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For Period

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**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-ED02	5.0	5.0	5.0	5.0	5.0	5.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
15 Element Avg.	5.0	5.0	5.0	5.0	5.0	5.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6 Element Avg.				5.0				4.7	5.0				5.0	5.0	5.0
4 Element Avg.				5.0					4.8				5.0	5.0	5.0
Overall Score	4.9														



Occupational Safety PEP MORT Chart



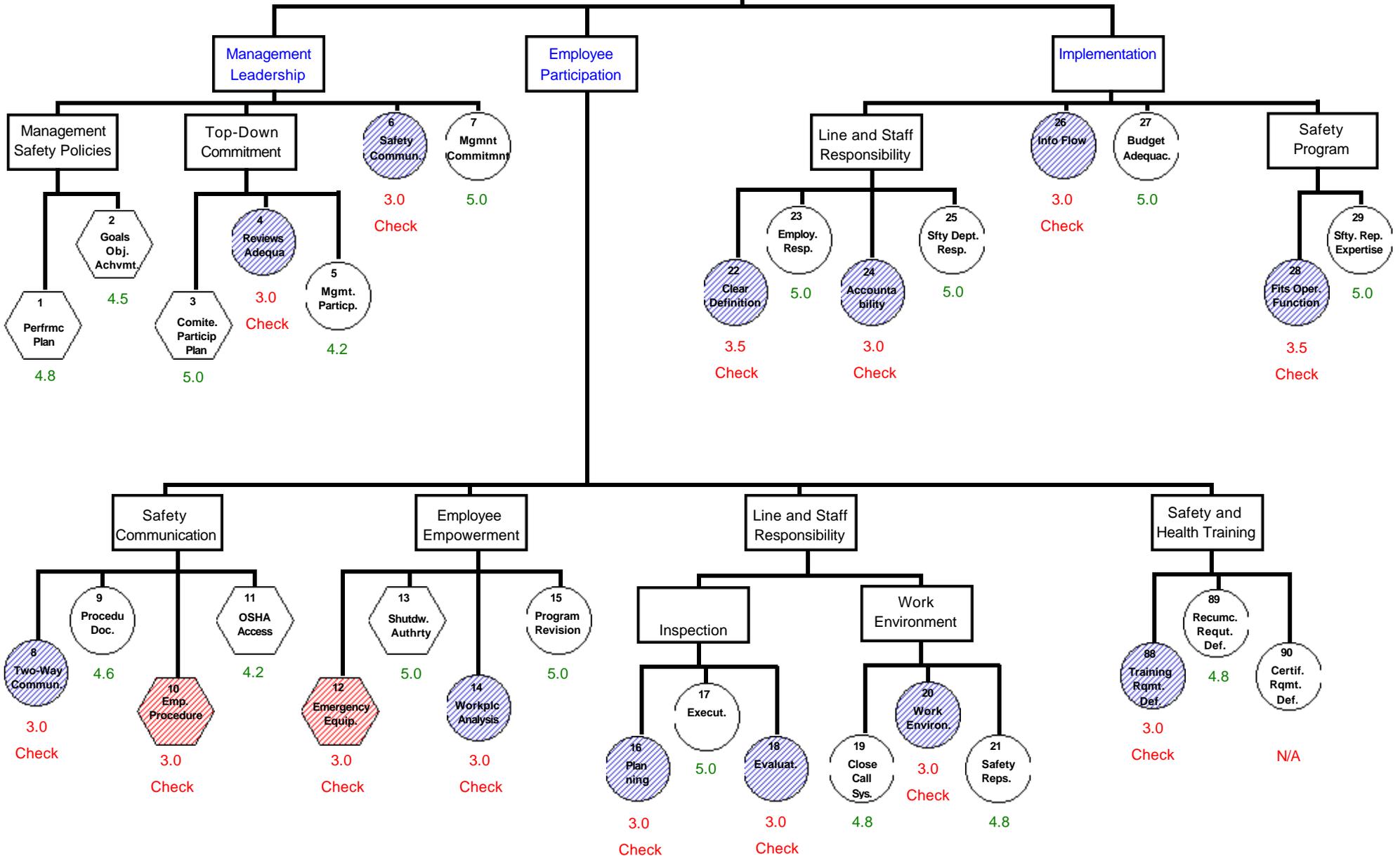
Supported Nasa Organization: Engineering Directorate

ED02

Management Leadership

Organization: Engineering Directorate

○ OSHA Question ○ NASA Question
◻ OSHA Question rated below 3.8 ◻ NASA Question rated below 3.8





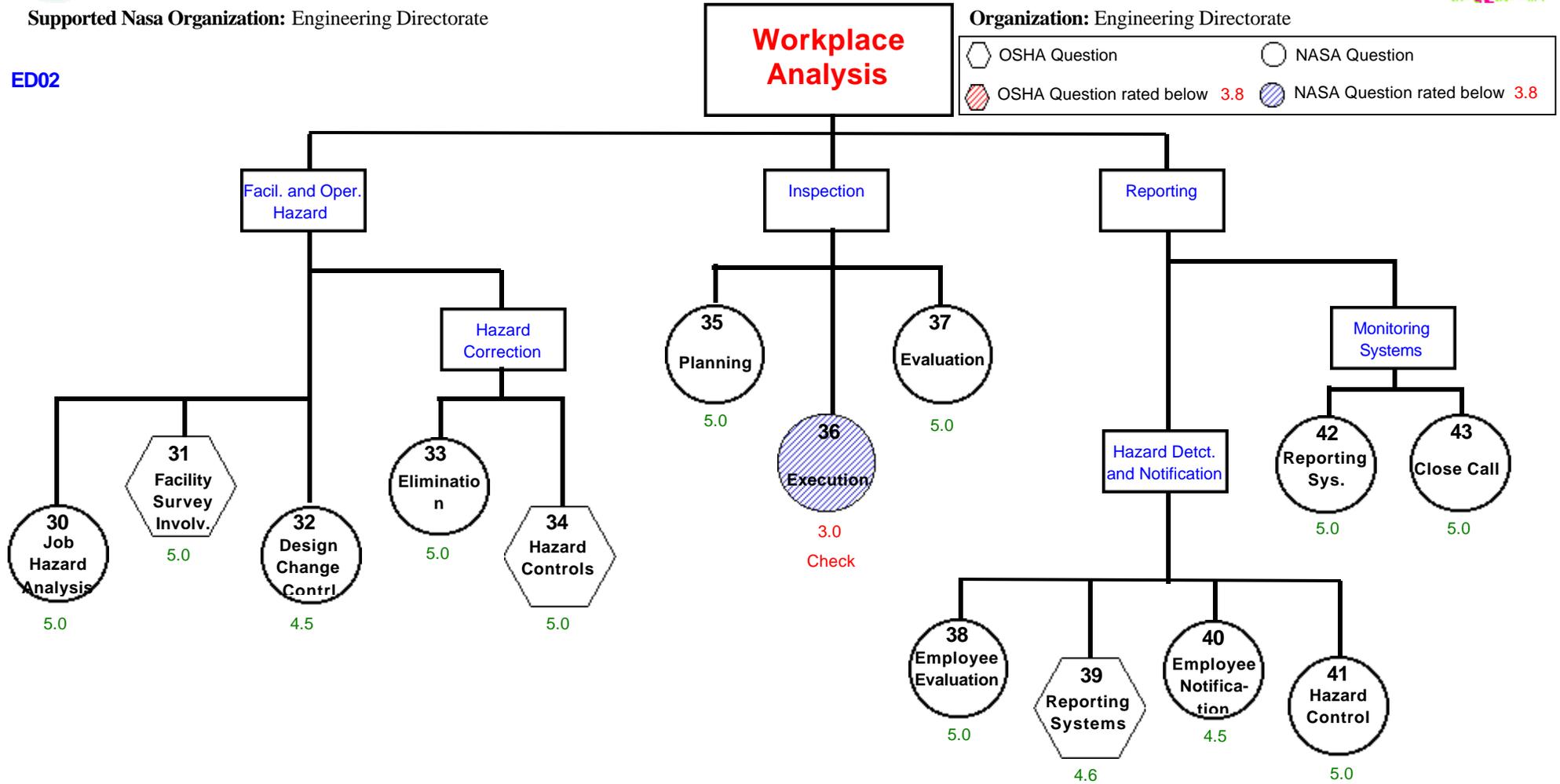
Occupational Safety PEP MORT Chart



Supported Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

ED02





Occupational Safety PEP MORT Chart



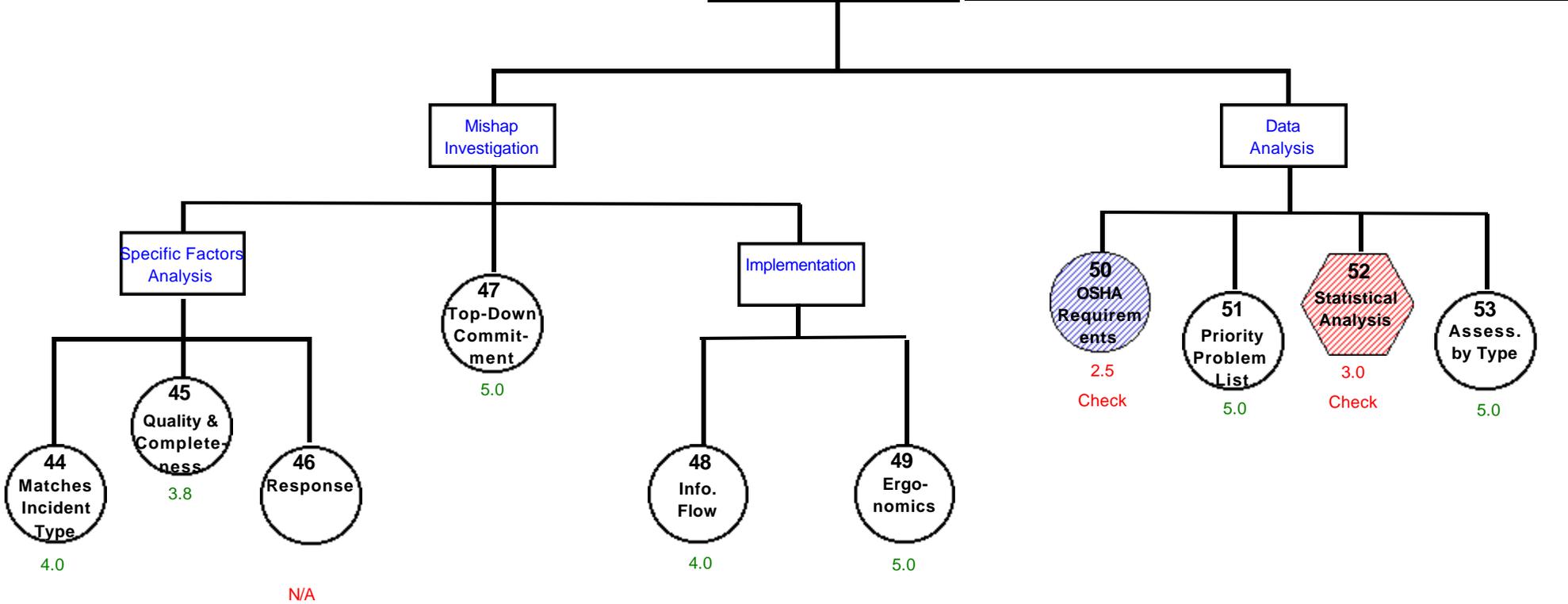
Supported Nasa Organization: Engineering Directorate

ED02

Mishap and Record Analysis

Organization: Engineering Directorate

○ OSHA Question ○ NASA Question
⬮ OSHA Question rated below 3.8 ⬮ NASA Question rated below 3.8





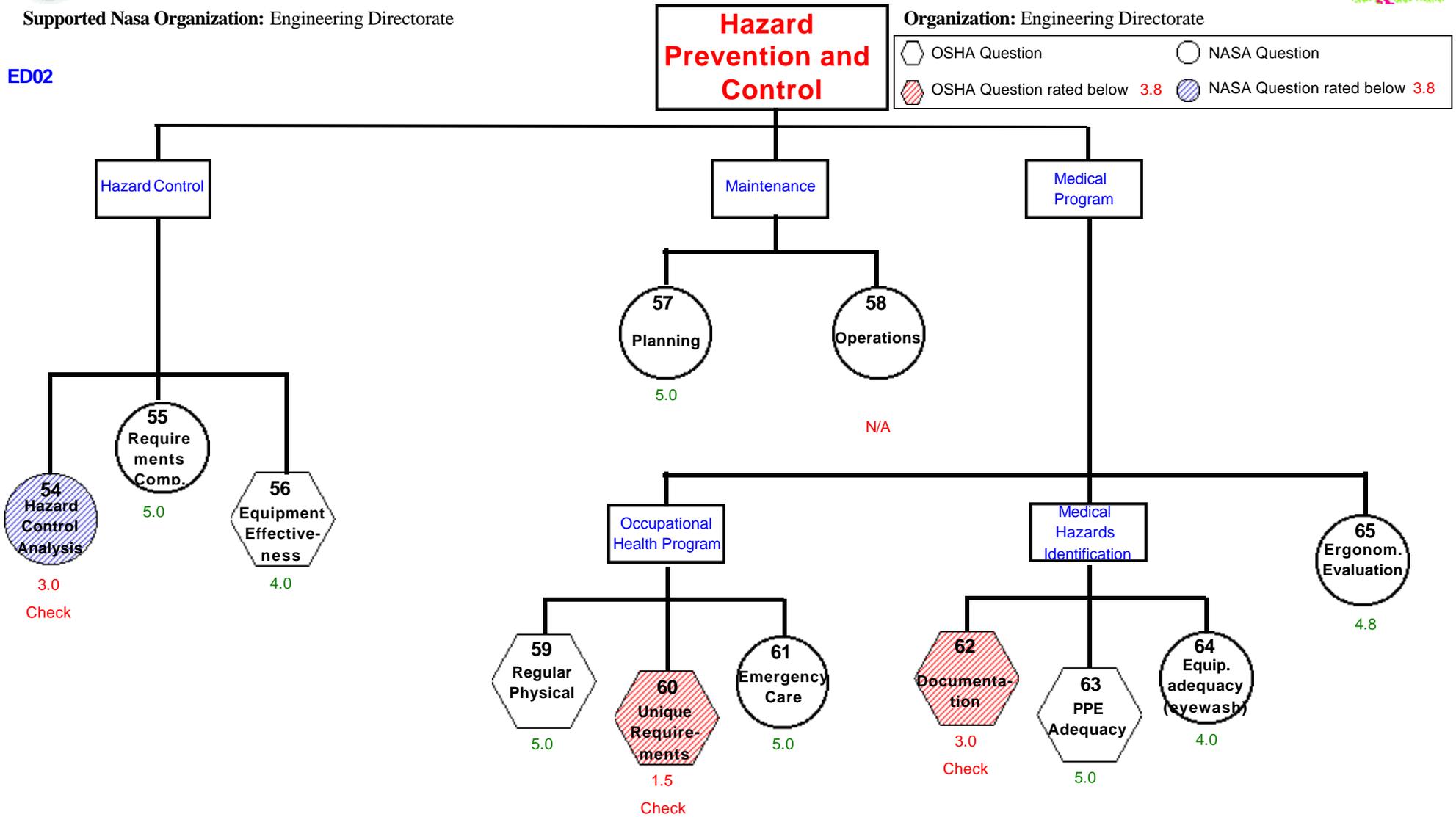
Occupational Safety PEP MORT Chart



Supported Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

ED02





Occupational Safety PEP MORT Chart



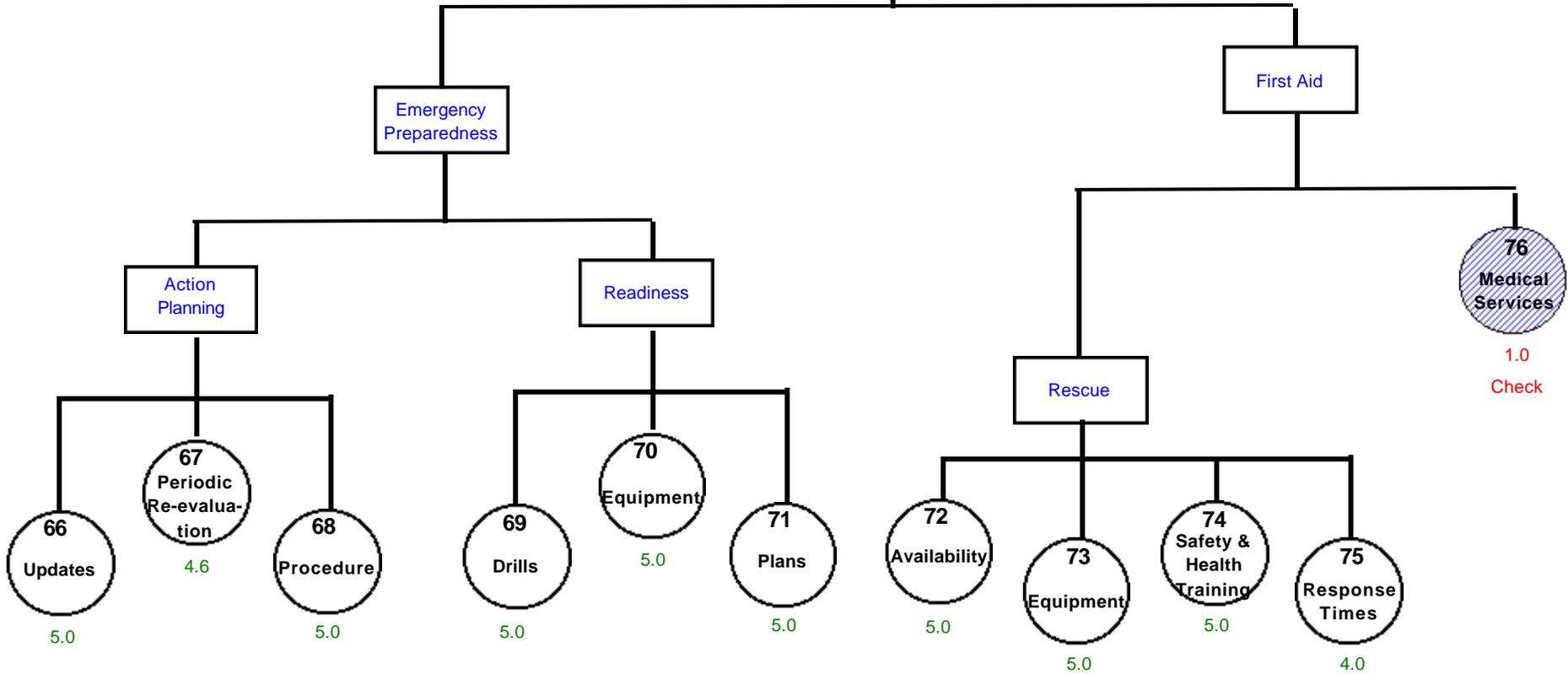
Supported Nasa Organization: Engineering Directorate

Emergency Response

Organization: Engineering Directorate

ED02

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





Occupational Safety PEP MORT Chart



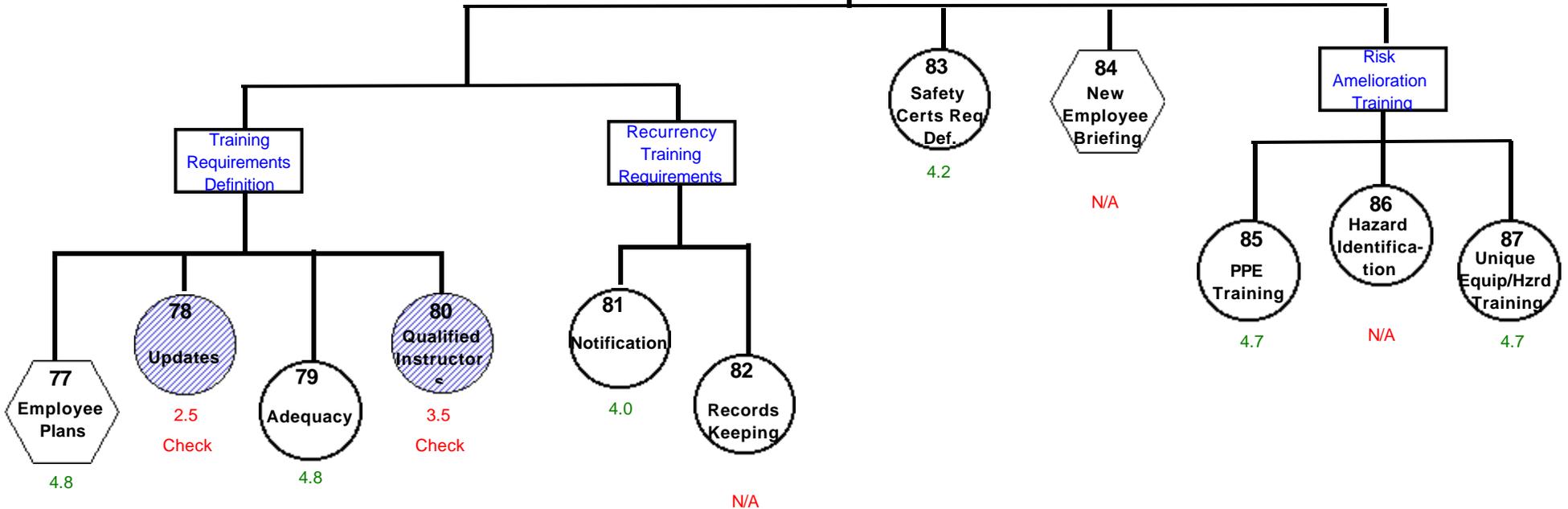
Supported Nasa Organization: Engineering Directorate

Organization: Engineering Directorate

ED02

Safety and Health Training

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

ED02

Recommendations for improvement on your existing Safety and Health Program for

Questions rated below 3.8

MANAGEMENT LEADERSHIP AND EMPLOYEE PARTICIPATION

MANAGEMENT LEADERSHIP

- 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.
- Q 6** - (OSHA TED 8.1a, Appendix B, "Employee Participation") (OSHA 1900.1, para. (c.)(2)(ii)(A))(FR 65:45649-45663, para III,F,5,a,5,(a)) Management should regularly communicate with workers about about workplace safety and health matters.

EMPLOYEE PARTICIPATON

- Q 8** - (OSHA TED 8.1a, Appendix D, "Top Management Involvement") (OSHA 1900.1, para. (c.)(2)(iii))(FR 65:45649-45663, para III,F,5,a,5,(a))(FR 54:3904-3916, Guidelines, c,(viii), (C)(iii)) A clear two-way communication "open door" policy should exist at all levels in the workforce.
- 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 16** - (OSHA 1900.1, para. (c.)(2)(ii)(C.))(FR 65:45649-45663, para III,F,5,a,(6),(b))(FR 54:3904-3916, Guidelines, c,(viii),(C),(ii)) So that employee insight and experience in safety and health protection may be utilized and employee concerns addressed, employees should be involved in all site inspections and audits.
- 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 20** - (OSHA 1900.1, para. (b.)(1))(FR 65:45649-45663, para III,F,5,(a))(FR 54:3904-3916, Guidelines, (a)) Employers should establish a safety and health program that provides protection of their employees from safety and health hazards.



OSHA Get Well Plan for All Categories

Marshall Space Flight Center



- 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.

IMPLEMENTATION TOOLS

- Q 22** - (OSHA TED 8.1a, para. B(9)) (OSHA 1900.1, para. (c.)(1)(ii)(C))(FR 65:45649-45663, para III,F,5,a,(5),(e))(FR 54:3904-3916, Guidelines, c,(v)) Line responsibilities for safety and health issues should be clearly defined and strictly enforced.
- Q 24** - (OSHA 1900.1, para. (c.)(1)(ii)(A.))(FR 65:45649-45663, para III,F,5,a,(5),(h))(FR 54:3904-3916, Guidelines, c,(vii)) Clearly defined accountability, commensurate with responsibility should be delegated in the appropriate places within the organization.
- Q 26** - (OSHA 1900.1, para. (c.)(1)(ii)(B.))(FR 65:45649-45663, para III,F,5,a,(8))(FR 54:3904-3916, Guidelines, c,(viii),(C),(v),(B)) Procedures for safety work practices should be provided to and understood by all employees.
- Q 28** - (OSHA 1900.1, para. (b.)(1))(FR 65:45649-45663, para III,F,5,a,(5),(d))(FR 54:3904-3916, Guidelines, b,(1)) Employers must assure that workers at the site, including contract workers, are provided equally high quality safety and health protection.

WORKPLACE ANALYSIS

INSPECTION

- Q 36** - (OSHA 1900.1, para. (d.)(3))(FR 65:45649-45663, para III,F,5,b,(2))(FR 54:3904-3916, Guidelines, c,(viii),(C),(ii)) Employers should provide for regular site safety and health inspections, so that new or previously missed hazards and failures in hazard controls can be identified.

MISHAP RECORDS AND ANALYSIS

DATA ANALYSIS

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

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

- 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

FIRST-AID



OSHA Get Well Plan for All Categories

Marshall Space Flight Center



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 78 - (OSHA 1900.1, para. (f)(3)(ii))(FR 65:45649-45663, para III,F,5,d)(FR 54:3904-3916, Guidelines, b,(4)) Training plan complexity depends on the size of the worksite, the nature of the hazards at the site, and the location of the site. Training plans should be updated to reflect the changes to the site resulting from growth, new equipment, new processes, etc

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.