



Occupational Safety Performance Evaluation Profile (PEP) Scoreboard for Employees

Marshall Space Flight Center

Supported Nasa Organization: Science Directorate

Organization: Rolled up to NASA Organization Level.

For Period
Jun,2003



**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
Science Directorate	4.5	4.6	4.6		4.6	4.8	4.5	4.4	4.2	4.5	4.6	4.4	4.5	4.5	4.4
15 Element Avg.	4.5	4.6	4.6		4.6	4.8	4.5	4.4	4.2	4.5	4.6	4.4	4.5	4.5	4.4
6 Element Avg.				4.6			4.6		4.3			4.4		4.5	4.4
4 Element Avg.				4.6					4.5					4.5	4.4
Overall Score	4.5														



Occupational Safety Performance Evaluation Profile (PEP) Scoreboard for Management

Marshall Space Flight Center

Supported Nasa Organization: Science Directorate

Organization: Rolled up to NASA Organization Level.

For Period
Jun,2003



**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
Science Directorate	4.7	4.8	4.7	4.6	4.8	4.7	4.6	4.8	4.7	4.7	4.6	4.8	4.8	4.7	4.7
15 Element Avg.	4.7	4.8	4.7	4.6	4.8	4.7	4.6	4.8	4.7	4.7	4.6	4.8	4.8	4.7	4.7
6 Element Avg.				4.7				4.7			4.7			4.7	4.7
4 Element Avg.				4.7				4.7			4.7			4.7	4.7
Overall Score	4.7														



Occupational Safety PEP MORT Chart



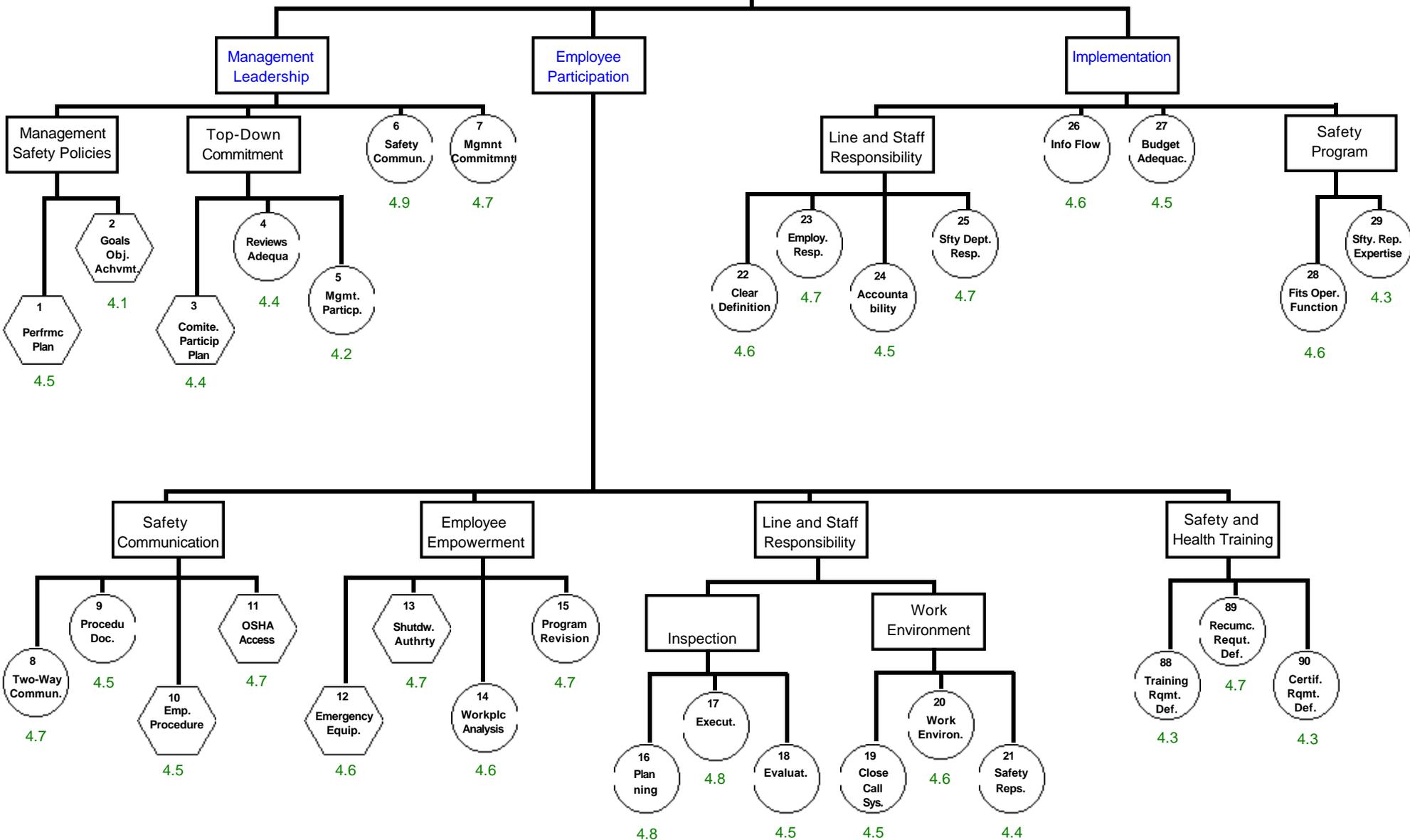
Supported Nasa Organization: Science Directorate

Science Directorate

Management Leadership

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



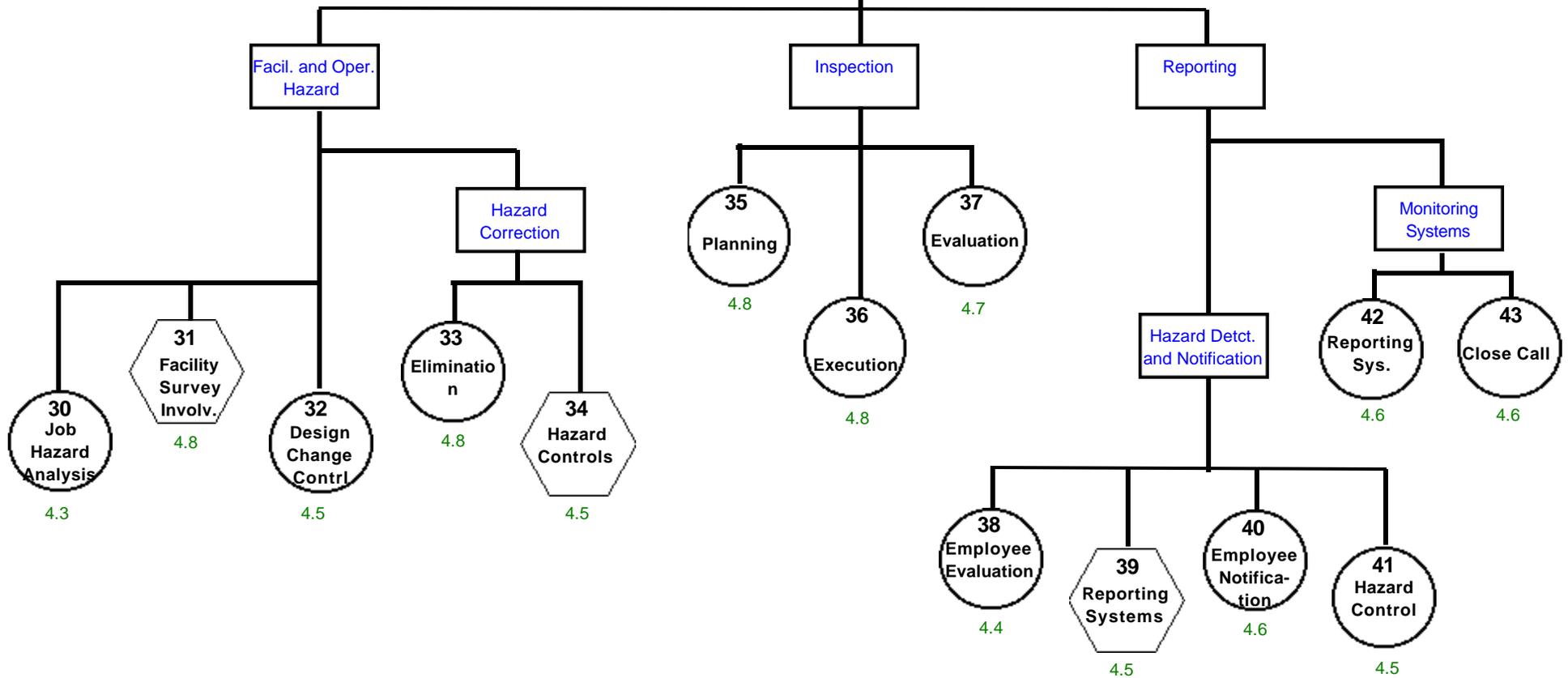
Supported Nasa Organization: Science Directorate

Science Directorate

Workplace Analysis

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



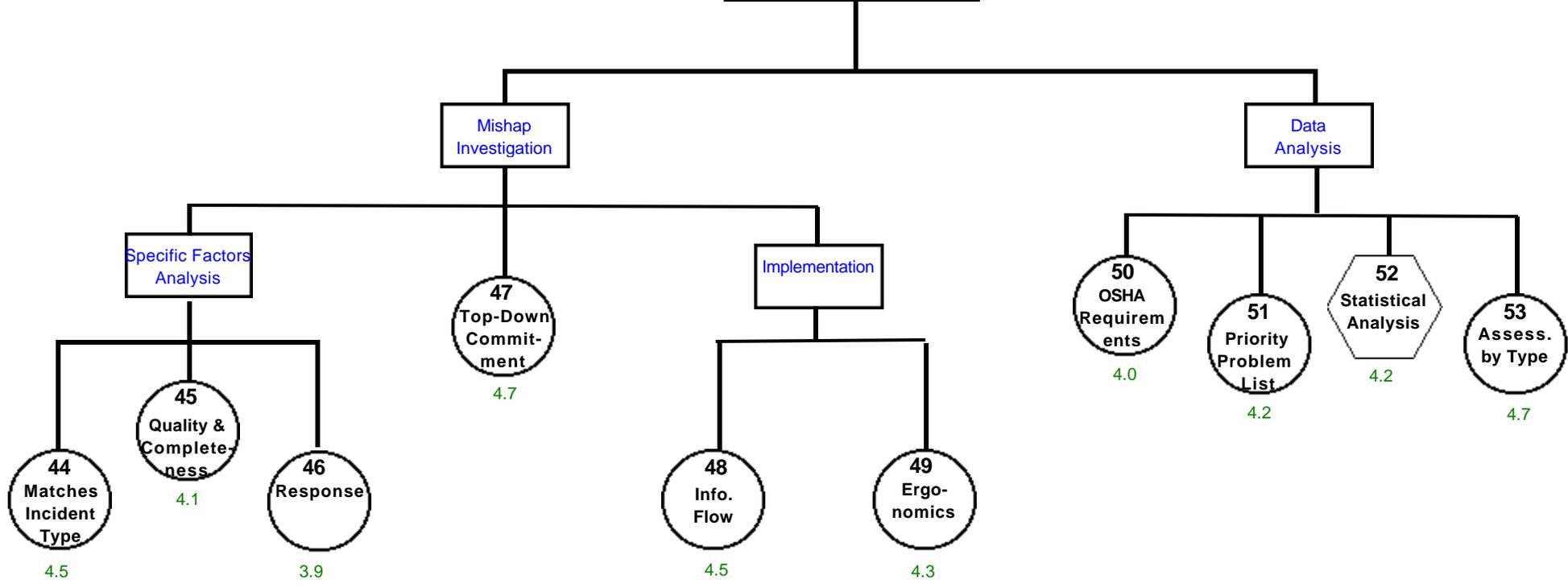
Supported Nasa Organization: Science Directorate

Science Directorate

Mishap and Record Analysis

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



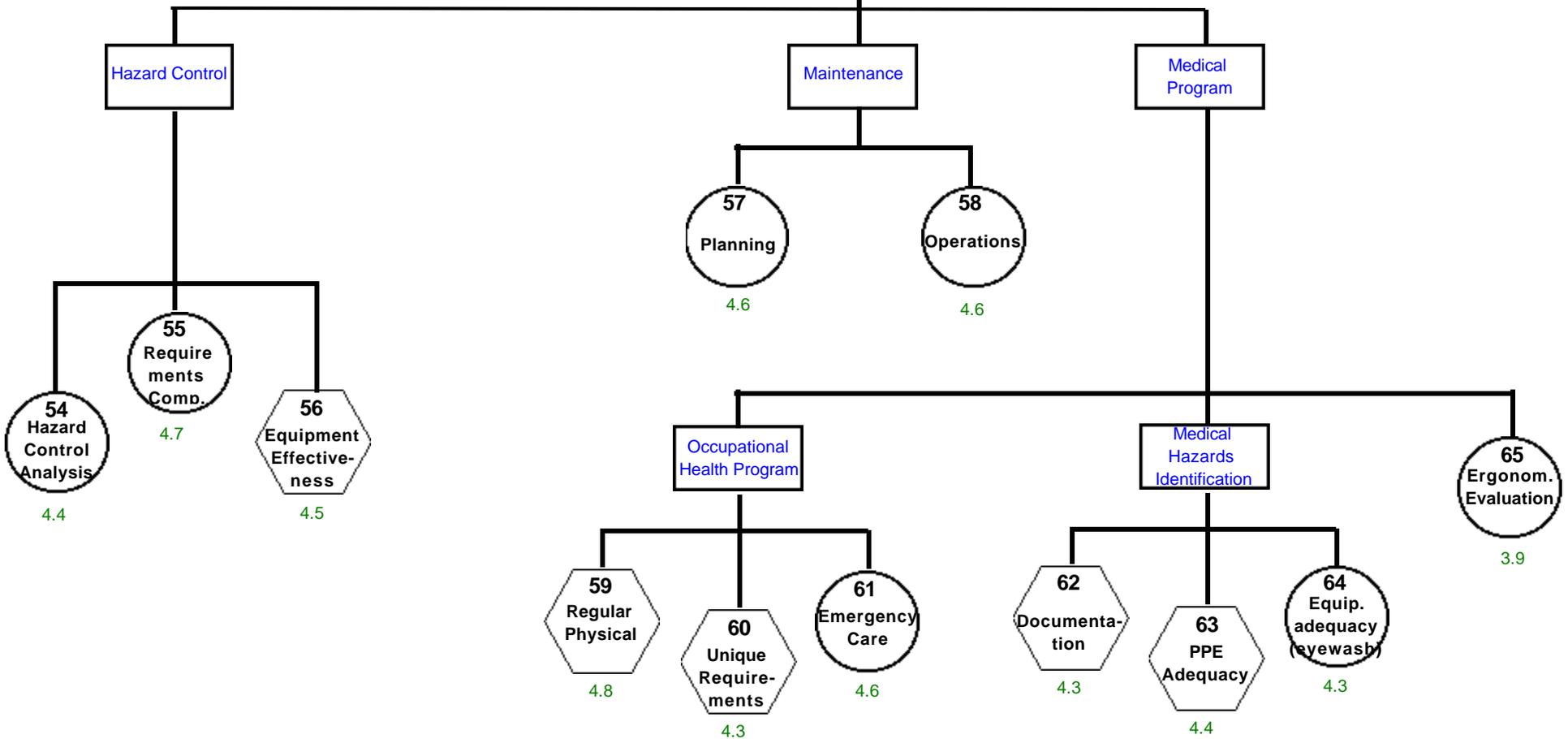
Supported Nasa Organization: Science Directorate

Science Directorate

Hazard Prevention and Control

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



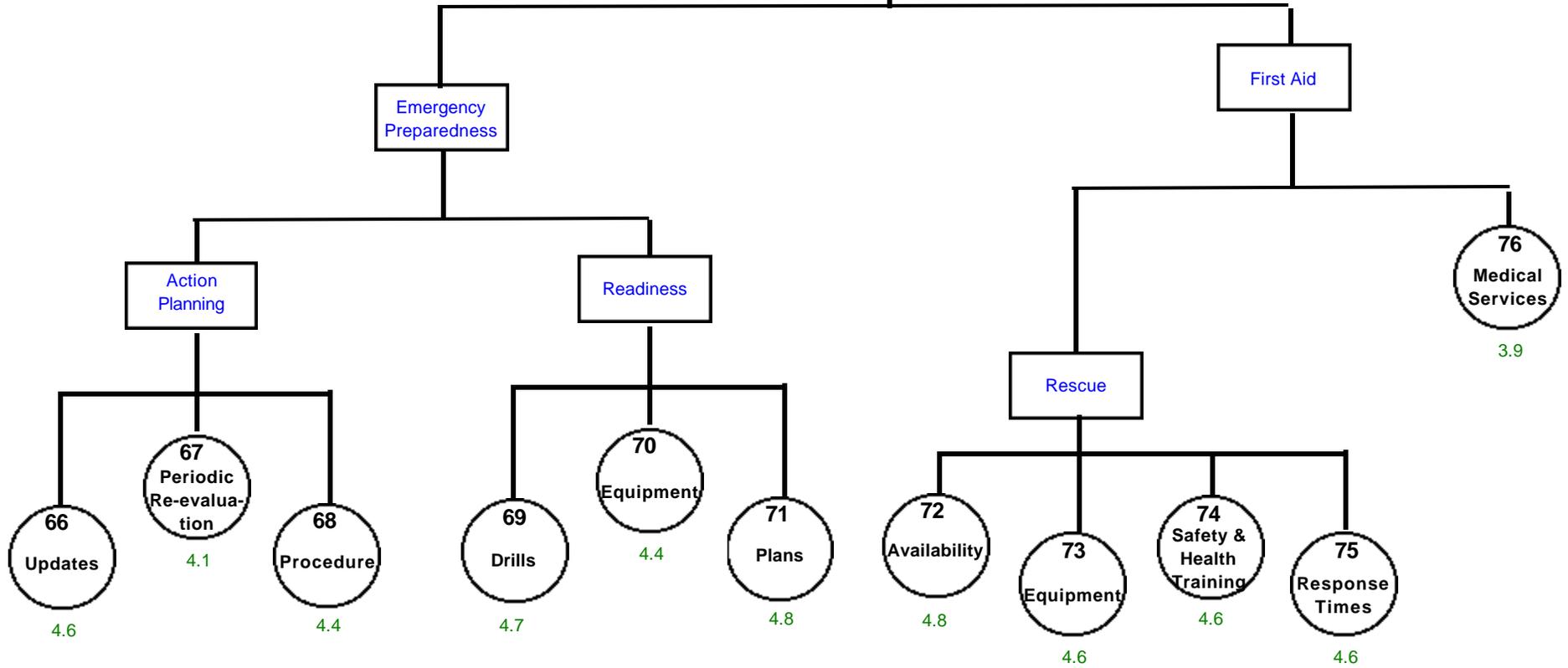
Supported Nasa Organization: Science Directorate

Science Directorate

Emergency Response

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



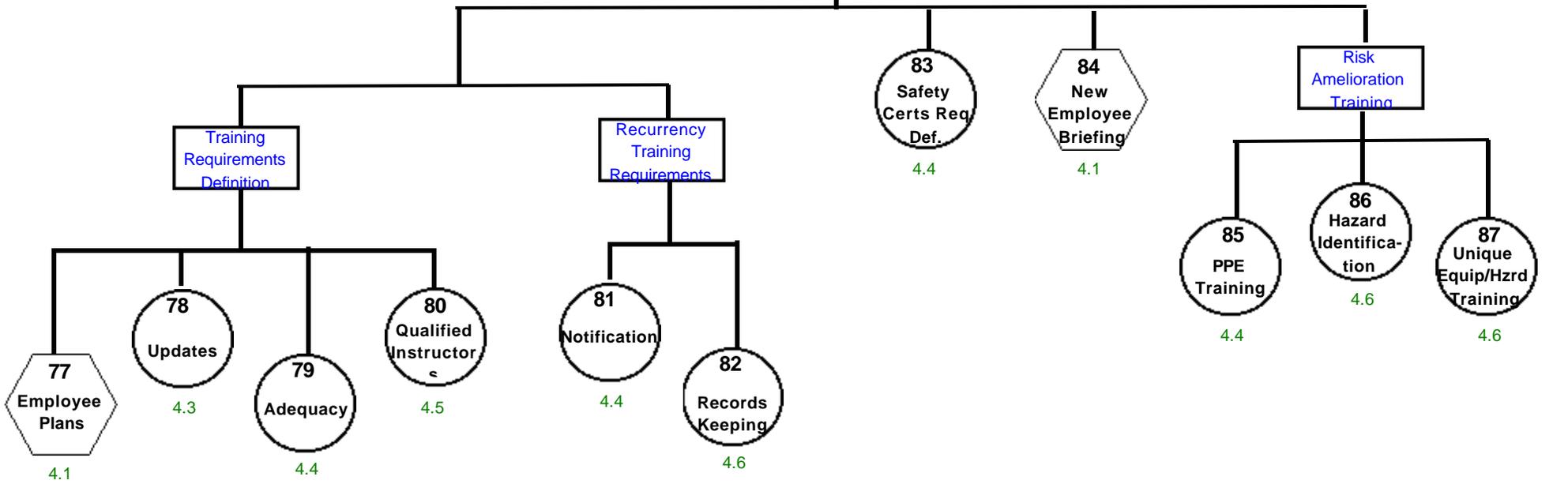
Supported Nasa Organization: Science Directorate

Science Directorate

Safety and Health Training

Organization: Rolled up to NASA Organization Level.

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 Jun,2003 **Supported Nasa Organization:** Science Directorate
Organization: Rolled up to NASA Organization Level

Science Directorate

Recommendations for improvement on your existing Safety and Health Program for

Questions rated below 3.8

[Q](#) 0 - Select a higher Get Well Rating for further recommendations.

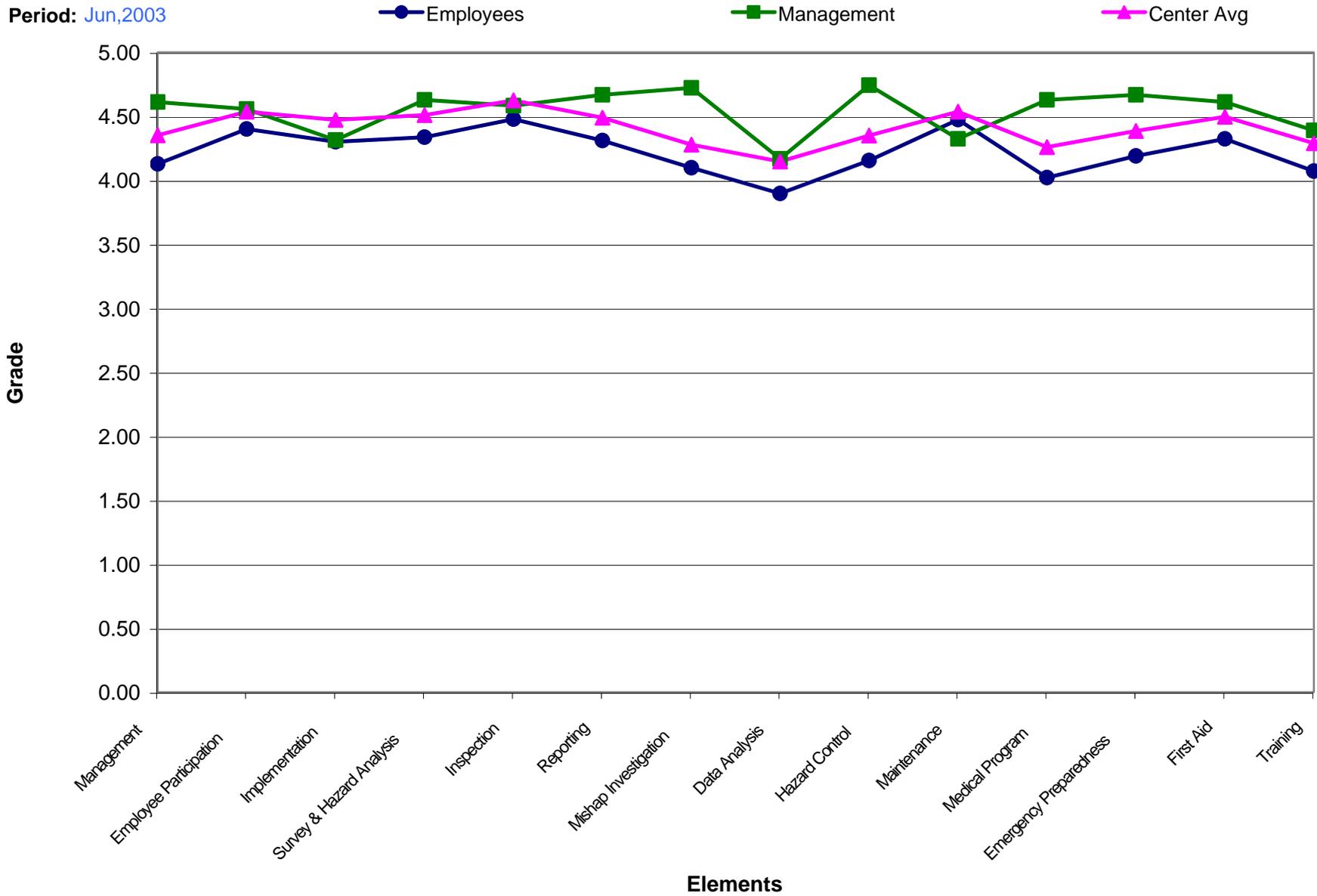
Occupational Safety Employee - Management for Marshall Space Flight Center

Nasa Organization: Space Transportation Directorate

Organization: Rolled up to Nasa Organization Level

Division: Rolled up to Nasa Organization Level

Period: Jun,2003





Occupational Safety Performance Evaluation Profile (PEP) Scoreboard for Employees

Marshall Space Flight Center

Supported Nasa Organization: Space Transportation Directorate

Organization: Rolled up to NASA Organization Level.

For Period

Jun,2003



**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
Space Transportation Dir	4.1	4.4	4.3		4.3	4.5	4.3	4.1	3.9	4.2	4.5	4.0	4.2	4.3	4.1
15 Element Avg.	4.1	4.4	4.3		4.3	4.5	4.3	4.1	3.9	4.2	4.5	4.0	4.2	4.3	4.1
6 Element Avg.				4.3					4.0			4.1		4.3	4.1
4 Element Avg.				4.3					4.2					4.2	4.1
Overall Score	4.2														



Occupational Safety Performance Evaluation Profile (PEP) Scoreboard for Management

Marshall Space Flight Center

Supported Nasa Organization: Space Transportation Directorate

Organization: Rolled up to NASA Organization Level.

For Period

Jun,2003



**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
Space Transportation Dir	4.6	4.6	4.3	4.6	4.6	4.6	4.7	4.7	4.2	4.7	4.3	4.6	4.7	4.6	4.4
15 Element Avg.	4.6	4.6	4.3	4.6	4.6	4.6	4.7	4.7	4.2	4.7	4.3	4.6	4.7	4.6	4.4
6 Element Avg.				4.5				4.6	4.4				4.6	4.4	
4 Element Avg.				4.5				4.6	4.6				4.6	4.4	
Overall Score	4.5														



Occupational Safety PEP MORT Chart



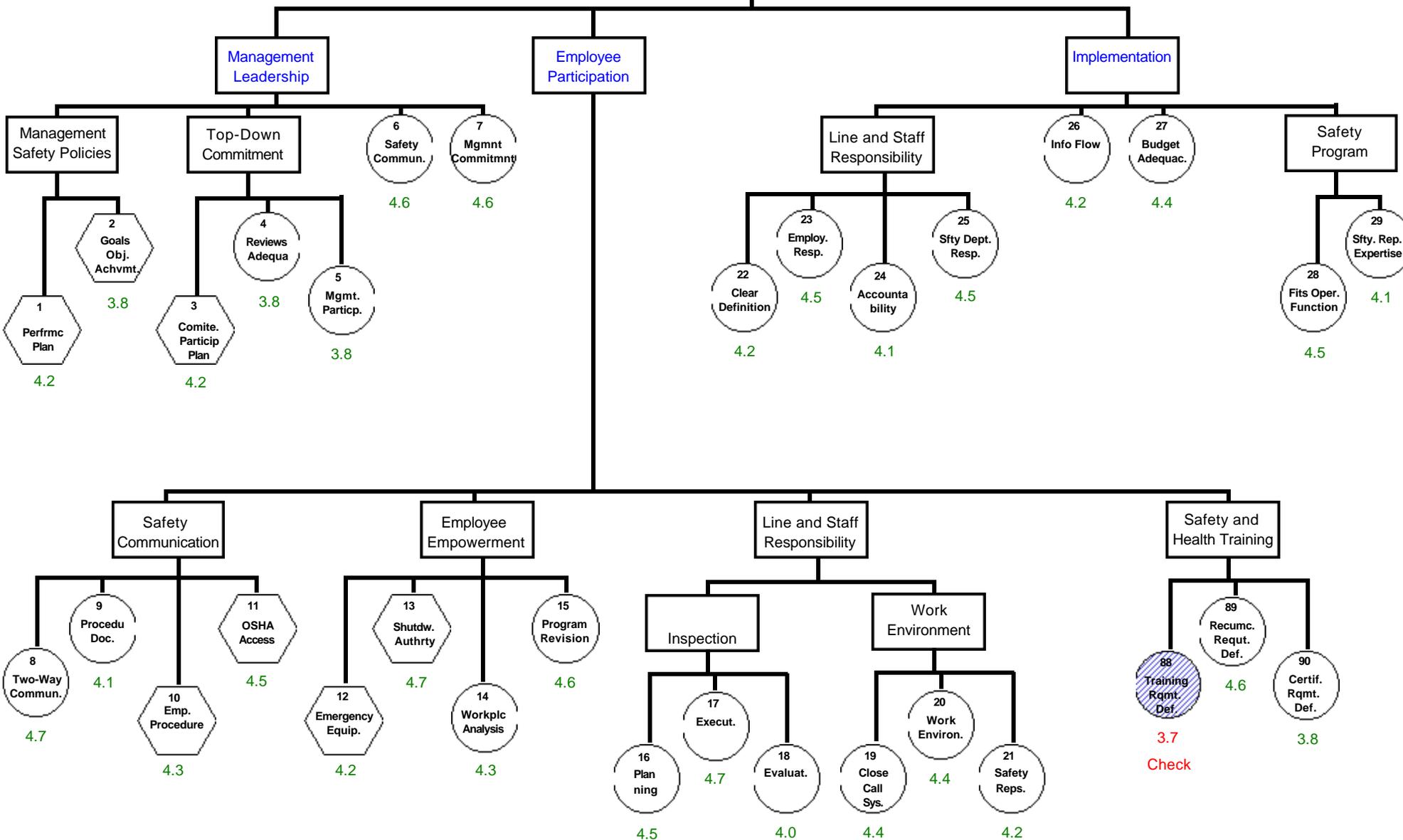
Supported Nasa Organization: Space Transportation Directorate

Space Transportation Directorate

Management Leadership

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



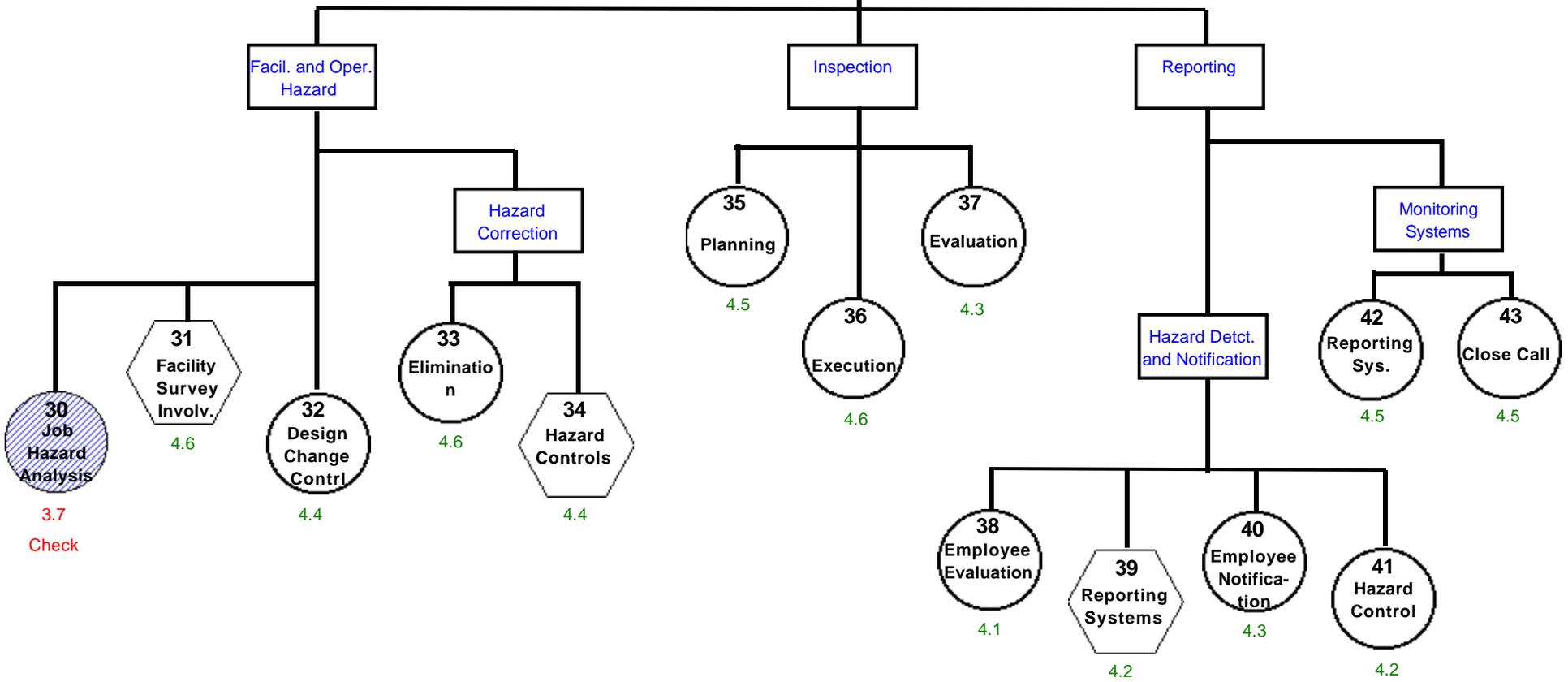
Supported Nasa Organization: Space Transportation Directorate

Space Transportation Directorate

Workplace Analysis

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



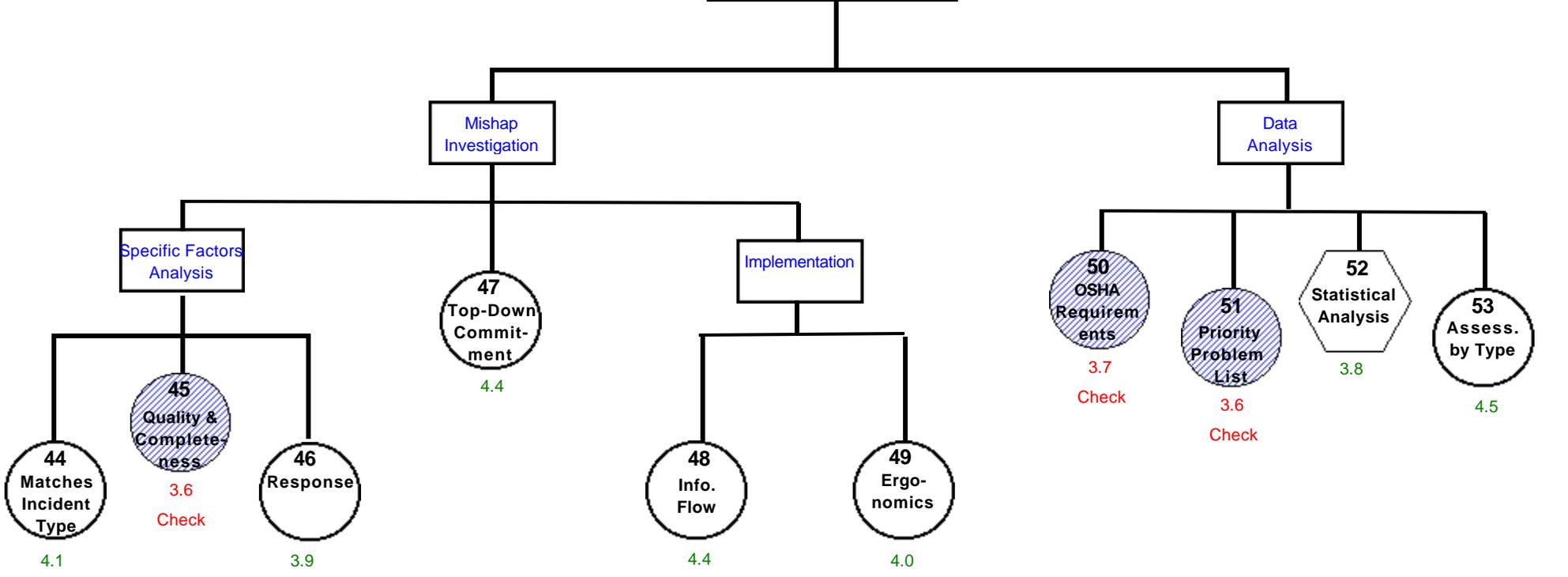
Supported Nasa Organization: Space Transportation Directorate

Space Transportation Directorate

Mishap and Record Analysis

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



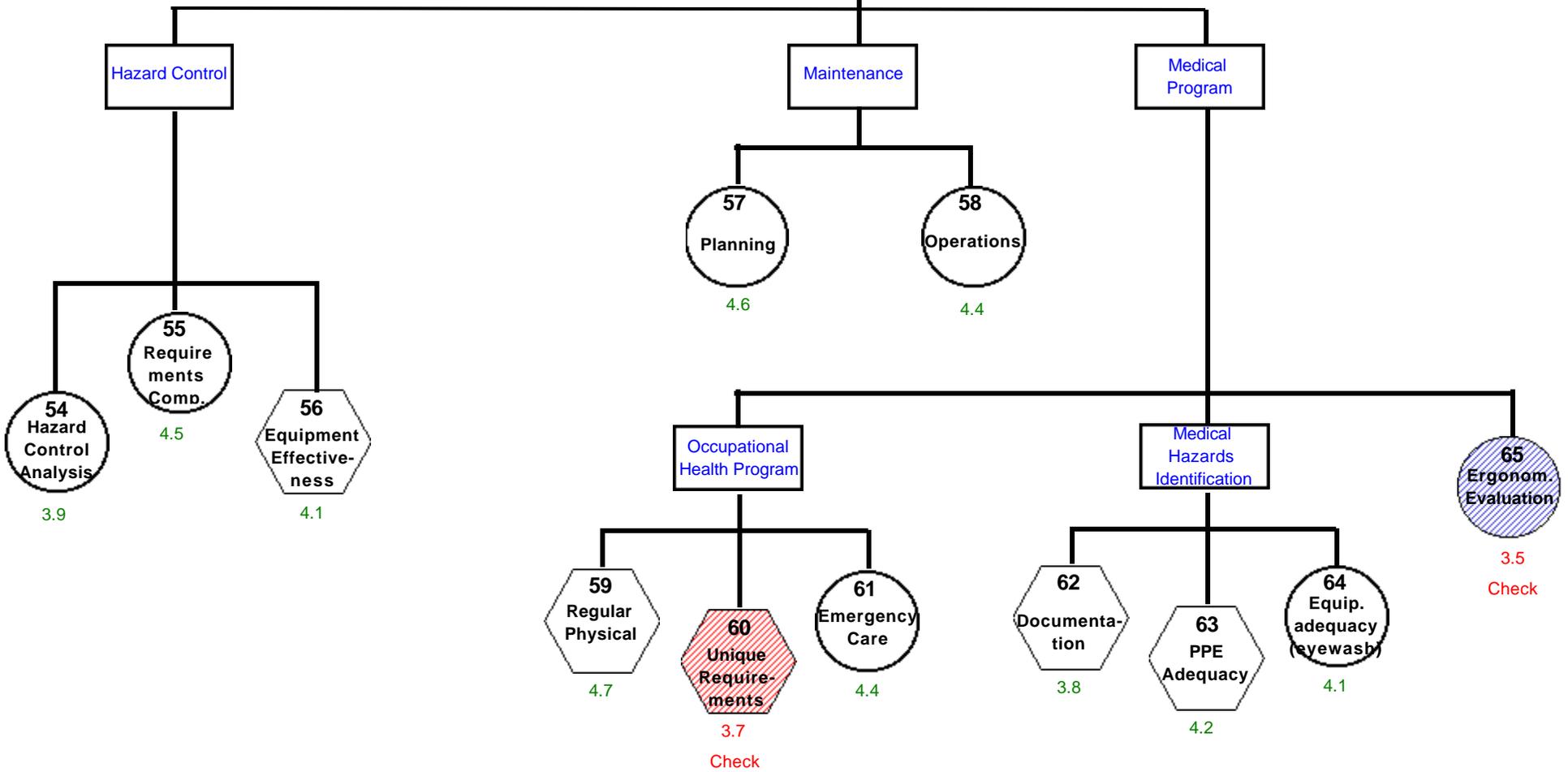
Supported Nasa Organization: Space Transportation Directorate

Space Transportation Directorate

Hazard Prevention and Control

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



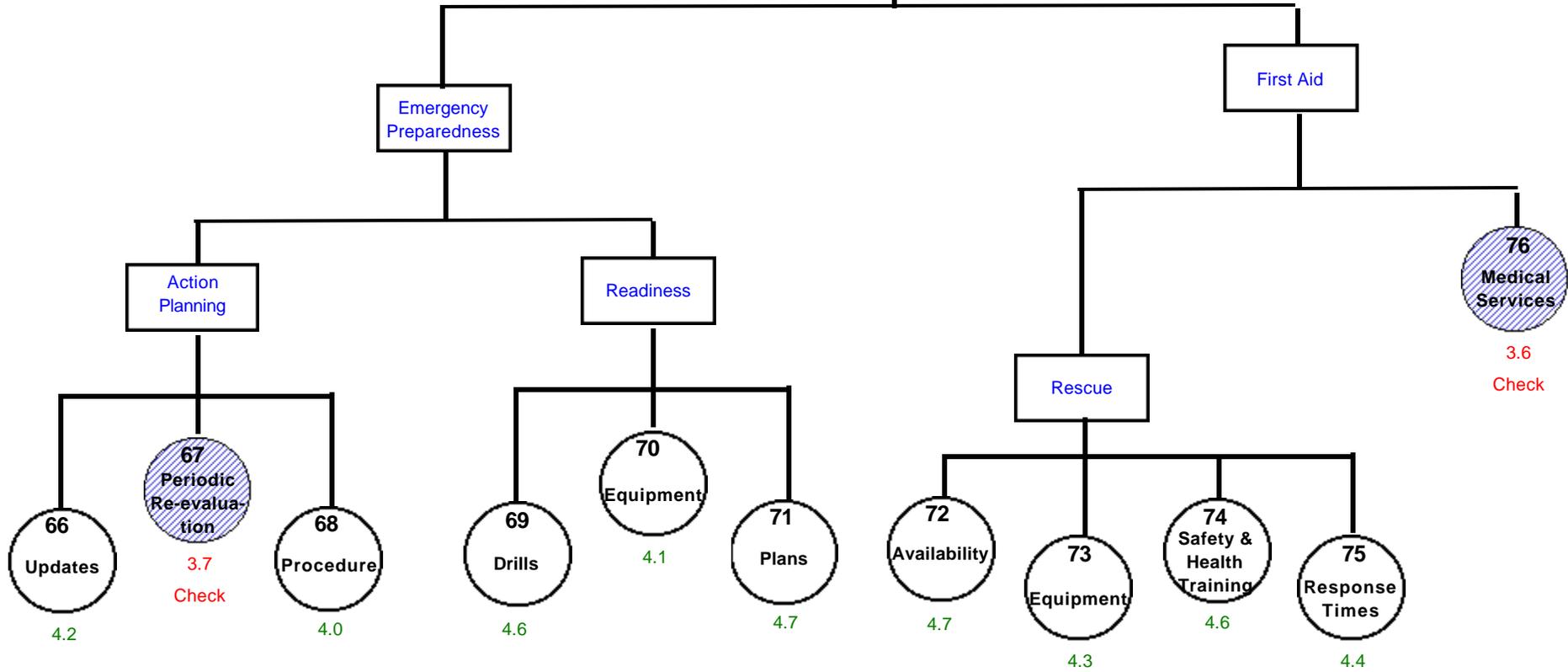
Supported Nasa Organization: Space Transportation Directorate

Emergency Response

Organization: Rolled up to NASA Organization Level.

Space Transportation Directorate

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





Occupational Safety PEP MORT Chart



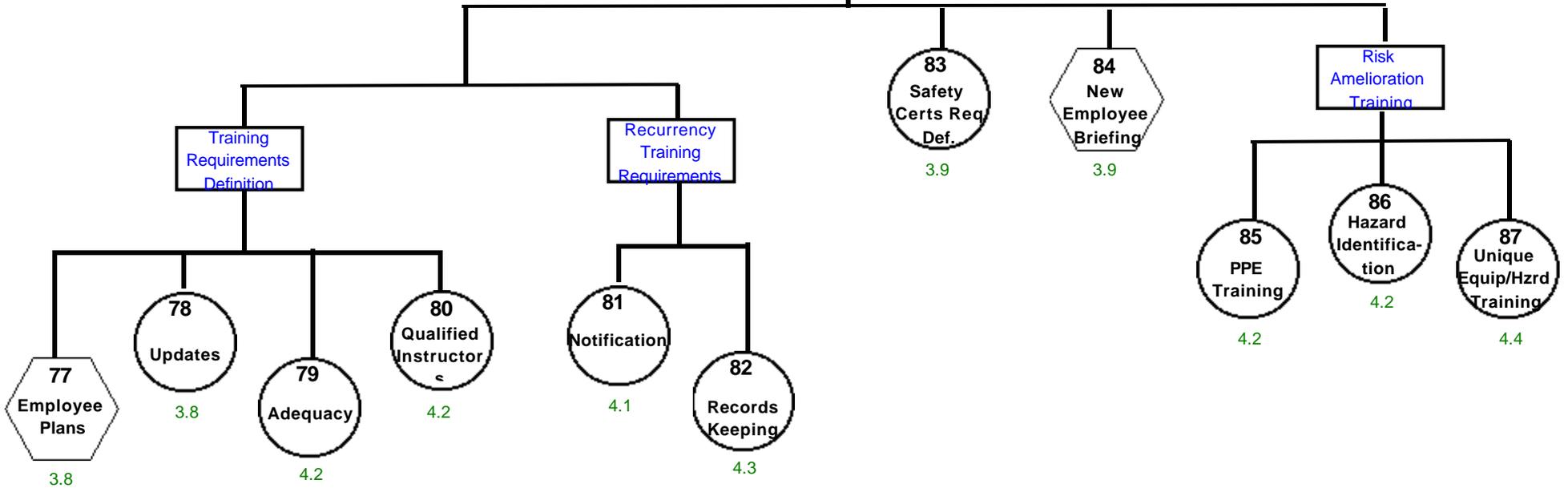
Supported Nasa Organization: Space Transportation Directorate

Space Transportation Directorate

Safety and Health Training

Organization: Rolled up to NASA Organization Level.

⬡ 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: Space Transportation Directorate

Jun,2003 **Organization:** Rolled up to NASA Organization Level

Space Transportation Directorate

Recommendations for improvement on your existing Safety and Health Program for

Questions rated below 3.8

MANAGEMENT LEADERSHIP AND EMPLOYEE PARTICIPATION

EMPLOYEE PARTICIPATION

Q 88 - (OSHA TED 8.4, Chapter III, paragraph 2,C,1,b)(FR 65:45649-45663, para III,F,5,a,(6)) Employees should assist in developing training requirements in their work area.

Q 90 - (OSHA TED 8.4, Chapter III, paragraph 2,C,1,b)(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.

WORKPLACE ANALYSIS

SURVEY AND HAZARDS ANALYSIS

Q 30 - (OSHA TED 8.4, Chapter III, paragraph 2,C,2,b)(FR 65:45649-45663, para III,F,5,b,(3))(FR 54:3904-3916, Guidelines, c,(viii),(C)) A job hazard analysis should be conducted on every job to ensure that all hazards are identified and any necessary controls are in place.

MISHAP RECORDS AND ANALYSIS

MISHAP INVESTIGATION

Q 45 - (OSHA TED 8.4, Chapter III, paragraph 2,C,1,b)(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.

DATA ANALYSIS

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

Q 51 - (OSHA TED 8.4, Chapter III, paragraph 2,C,2,j)(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

MEDICAL PROGRAM

Q 60 - (OSHA TED 8.4, Chapter III, paragraph 2,C,2,h)(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 65 - (OSHA 1910.900) Full compliance with all industry and OSHA ergonomic standards should be required in the workplace.

EMERGENCY RESPONSE

EMERGENCY PREPAREDNESS

Q 67 - (OSHA 1910.38) Periodic re-evaluation of workplace emergency preparedness requirements should be carried out at least annually and after each significant incident.



OSHA Get Well Plan for All Categories

Marshall Space Flight Center



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 harm will be minimized in any illness or injury does occur.

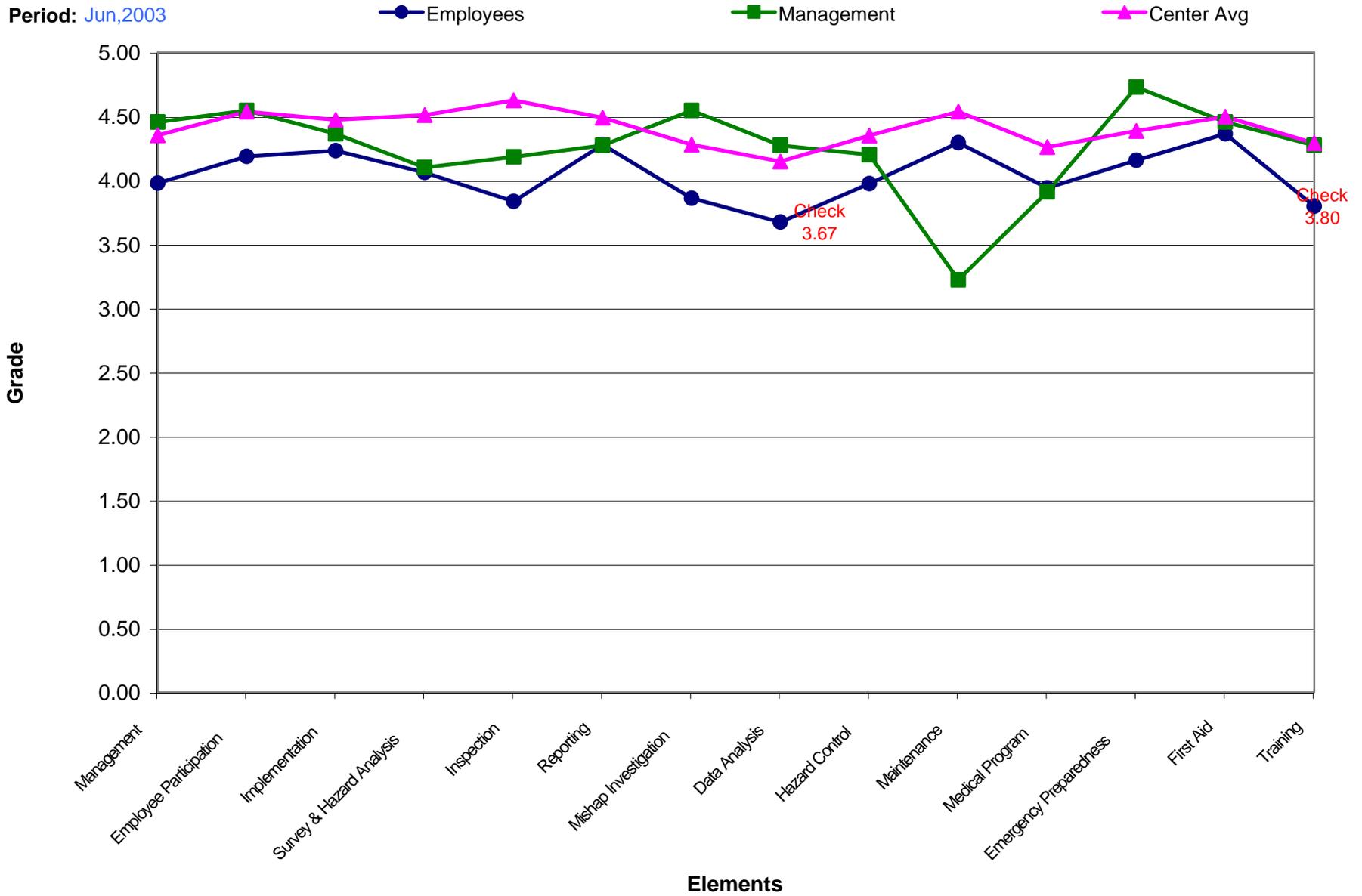
Occupational Safety Employee - Management for Marshall Space Flight Center

Nasa Organization: SLI

Organization: Rolled up to Nasa Organization Level

Division: Rolled up to Nasa Organization Level

Period: Jun,2003





Occupational Safety Performance Evaluation Profile (PEP) Scoreboard for Employees

Marshall Space Flight Center

Supported Nasa Organization: SLI

Organization: Rolled up to NASA Organization Level.

For Period
Jun,2003



**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
SLI	4.0	4.2	4.2		4.1	3.8	4.3	3.9	3.7	4.0	4.3	3.9	4.2	4.4	3.8
15 Element Avg.	4.0	4.2	4.2		4.1	3.8	4.3	3.9	3.7	4.0	4.3	3.9	4.2	4.4	3.8
6 Element Avg.				4.1			4.1		3.8			4.0		4.3	3.8
4 Element Avg.				4.1					4.0					4.1	3.8
Overall Score	4.1														



Occupational Safety Performance Evaluation Profile (PEP) Scoreboard for Management

Marshall Space Flight Center

Supported Nasa Organization: SLI

Organization: Rolled up to NASA Organization Level.

For Period

Jun,2003



**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
SLI	4.5	4.5	4.4	3.8	4.1	4.2	4.3	4.5	4.3	4.2	3.2	3.9	4.7	4.5	4.3
15 Element Avg.	4.5	4.5	4.4	3.8	4.1	4.2	4.3	4.5	4.3	4.2	3.2	3.9	4.7	4.5	4.3
6 Element Avg.				4.3				4.2	4.4				3.8	4.6	4.3
4 Element Avg.				4.3				4.3	4.3				4.1	4.3	
Overall Score	4.2														



Occupational Safety PEP MORT Chart



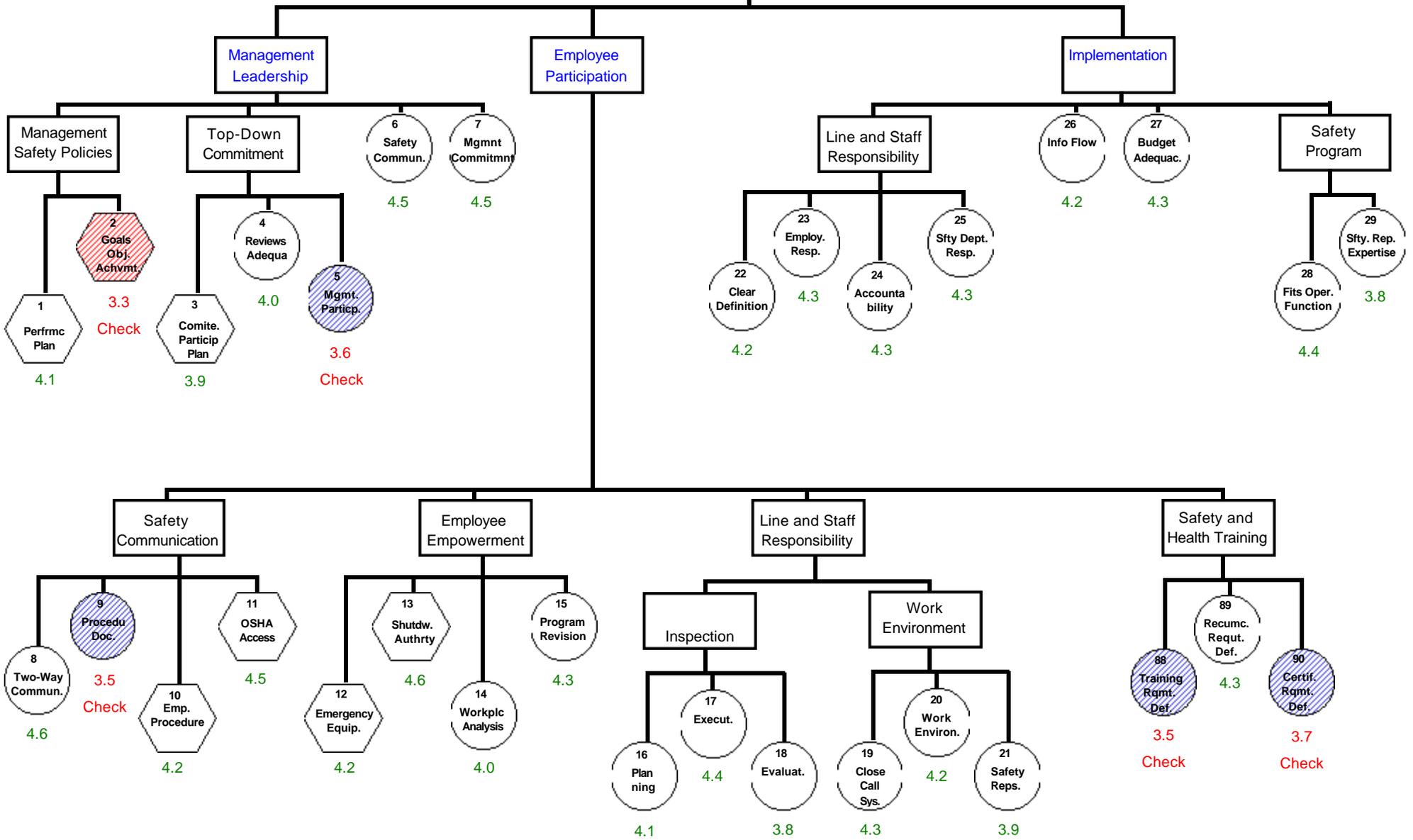
Supported Nasa Organization: SLI

SLI

Management Leadership

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



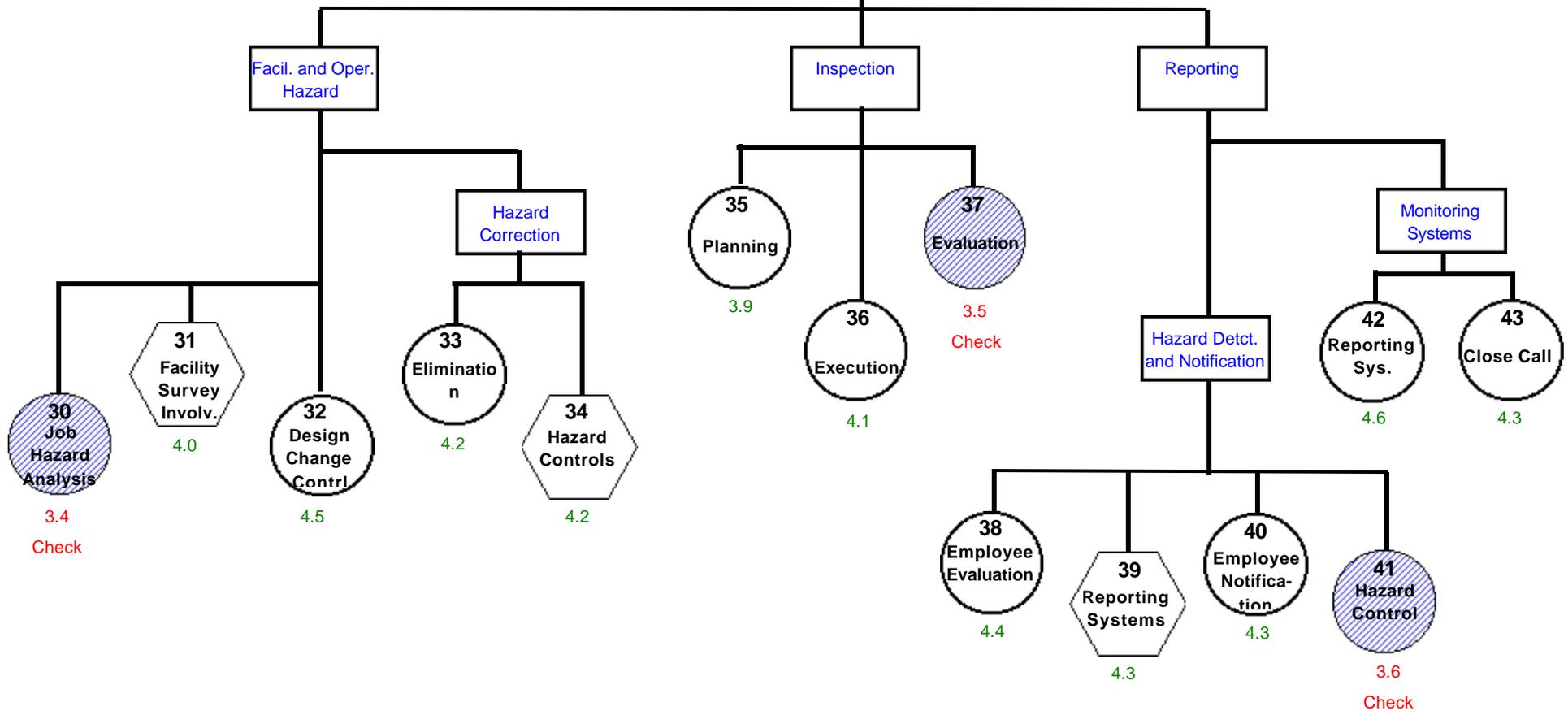
Supported Nasa Organization: SLI

SLI

Workplace Analysis

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



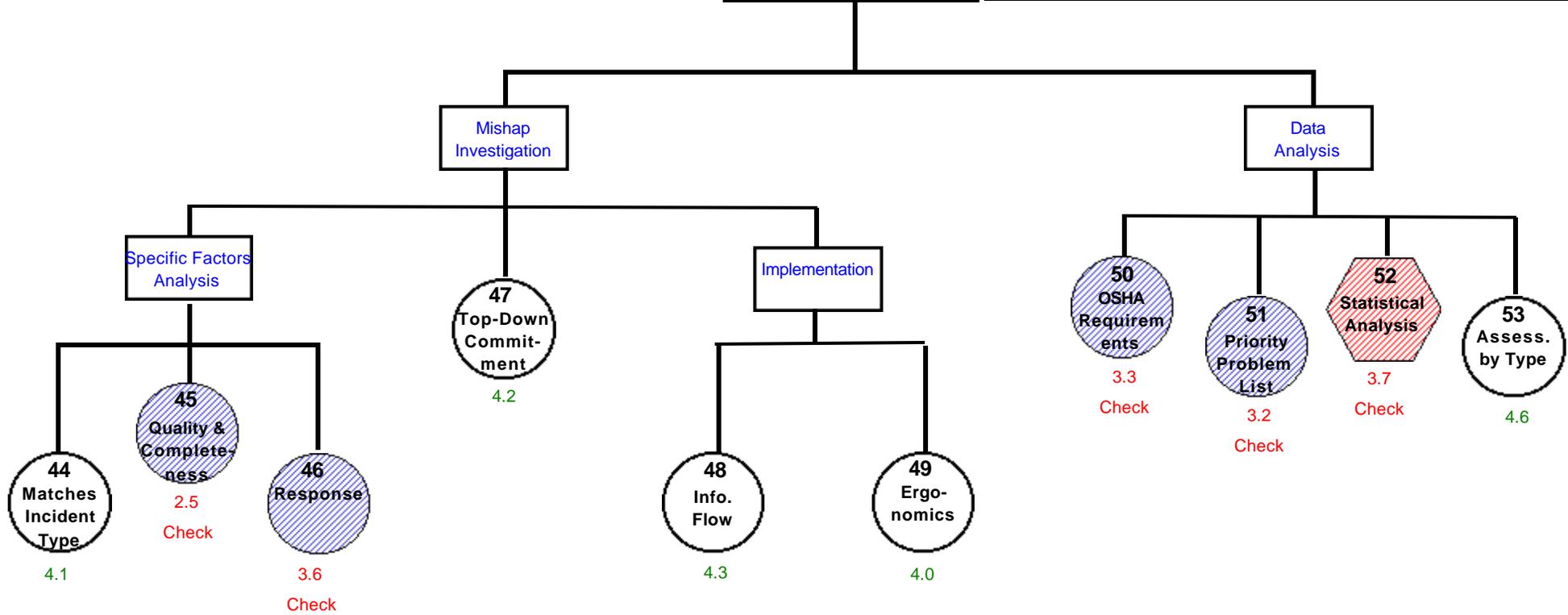
Supported Nasa Organization: SLI

SLI

Mishap and Record Analysis

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



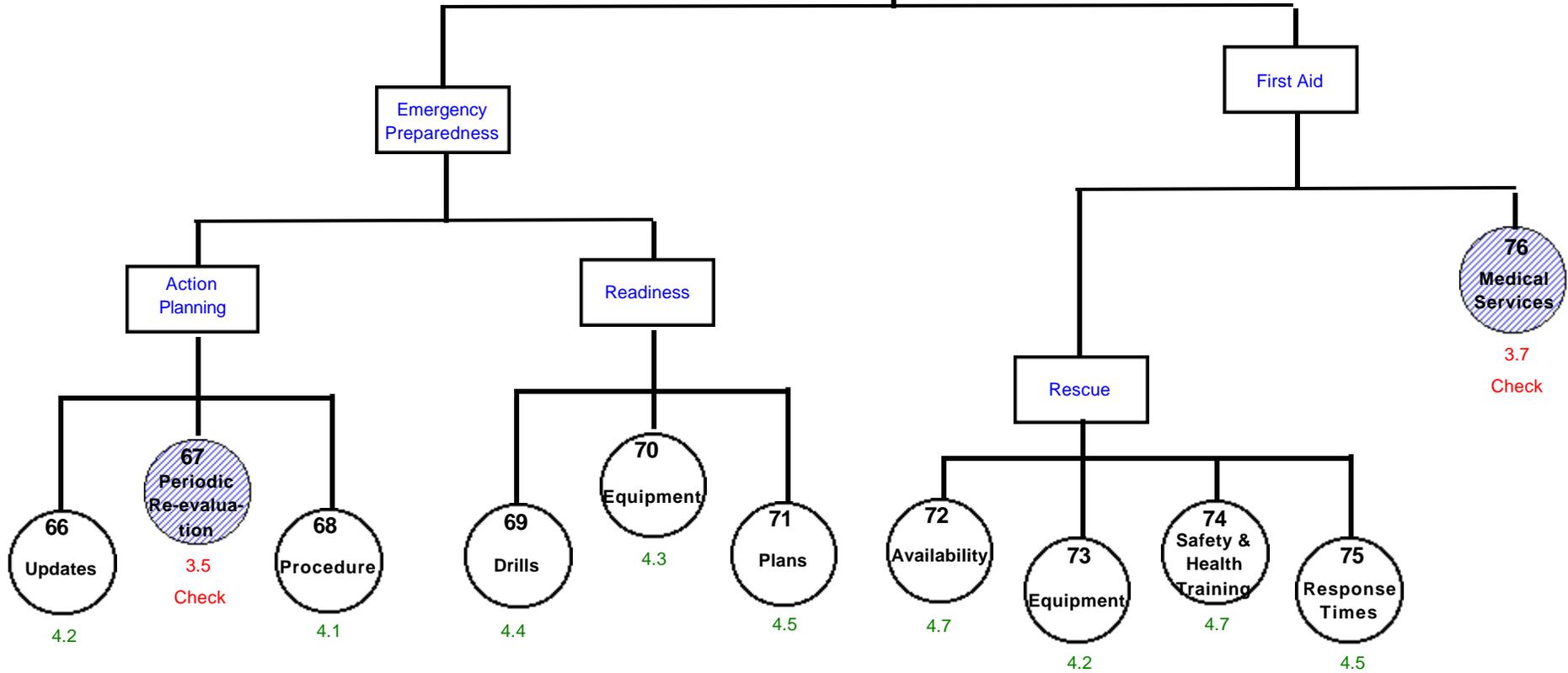
Supported Nasa Organization: SLI

SLI

Emergency Response

Organization: Rolled up to NASA Organization Level.

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





Occupational Safety PEP MORT Chart



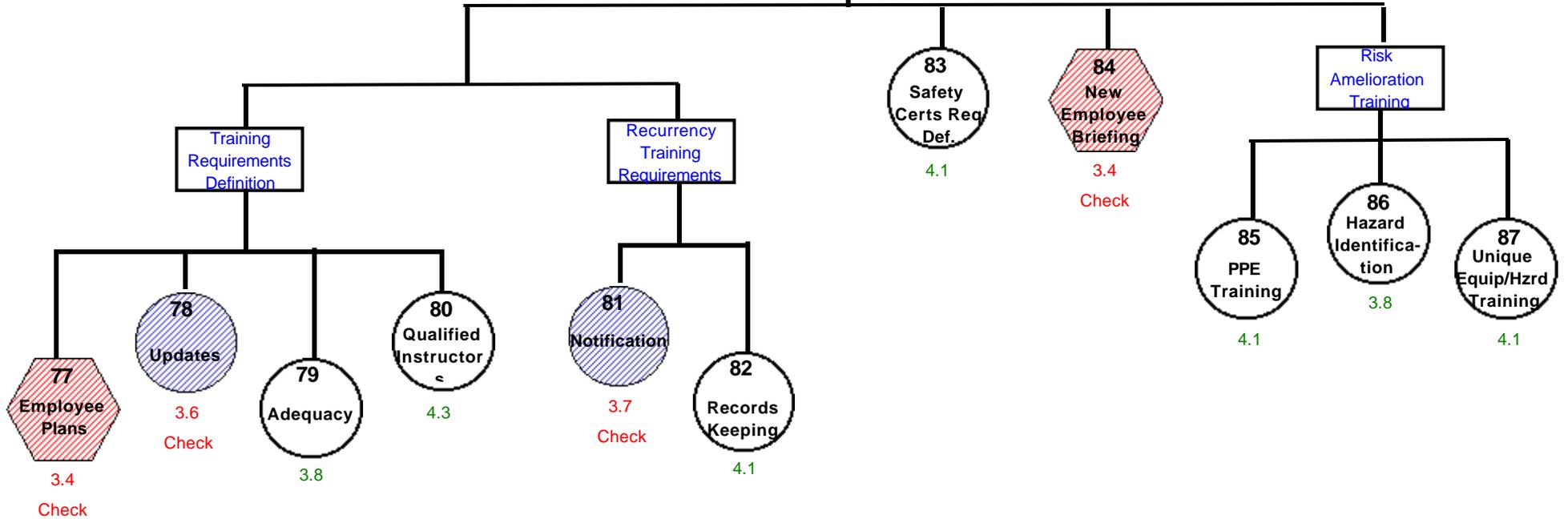
Supported Nasa Organization: SLI

Safety and Health Training

Organization: Rolled up to NASA Organization Level.

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

SLI





OSHA Get Well Plan for All Categories

Marshall Space Flight Center



For Period Jun,2003 **Supported Nasa Organization:** SLI
Organization: Rolled up to NASA Organization Level

SLI

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 TED 8.4, Chapter III, paragraph 2,C,1,a)(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 5** - (OSHA TED 8.4, Chapter III, paragraph 2,C,1,a)(FR 65:45649-45663, para III,F,5,(a),(1),(a))(FR 54:3904-3916, Guidelines, (a)) Management should establish clear policies for safety and health and communicate these policies to all employees.

EMPLOYEE PARTICIPATION

- Q 9** - (OSHA TED 8.4, Chapter III, paragraph 2,C,3,h)(FR 54:3904-3916, Guidelines, c,(viii)) Program operations should be reviewed annually so that deficiencies can be identified and the program and/or objectives can be revised when they do not meet the goal of effective safety and health protection.
- Q 88** - (OSHA TED 8.4, Chapter III, paragraph 2,C,1,b)(FR 65:45649-45663, para III,F,5,a,(6)) Employees should assist in developing training requirements in their work area.
- Q 90** - (OSHA TED 8.4, Chapter III, paragraph 2,C,1,b)(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.

WORKPLACE ANALYSIS

SURVEY AND HAZARDS ANALYSIS

- Q 30** - (OSHA TED 8.4, Chapter III, paragraph 2,C,2,b)(FR 65:45649-45663, para III,F,5,b,(3))(FR 54:3904-3916, Guidelines, c,(viii),(C)) A job hazard analysis should be conducted on every job to ensure that all hazards are identified and any necessary controls are in place.

INSPECTION

- Q 37** - (OSHA TED 8.4, Chapter III, paragraph 2,C,2,f)(FR 65:45649-45663, para III,F,5,b,(5))(FR 54:3904-3916, Guidelines, c,(viii)) Employers should provide a reliable system for employees to assure that inspection corrective actions and hazard controls are tracked to completion.

REPORTING

- Q 41** - (OSHA TED 8.4, Chapter III, paragraph 2,C,2,g)(FR 65:45649-45663, para III,F,5,c,(2),(a))(FR 54:3904-3916, Guidelines, c,(viii),(C),(3)) Employers should establish procedures that assure that hazards are corrected and controlled in a timely manner.

MISHAP RECORDS AND ANALYSIS

MISHAP INVESTIGATION



OSHA Get Well Plan for All Categories

Marshall Space Flight Center



Q 45 - (OSHA TED 8.4, Chapter III, paragraph 2,C,1,b)(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 TED 8.4, Chapter III, paragraph 2,C,2,g)(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.

DATA ANALYSIS

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

Q 51 - (OSHA TED 8.4, Chapter III, paragraph 2,C,2,j)(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 TED 8.4, Chapter III, paragraph 2,C,2,j)(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

MEDICAL PROGRAM

Q 60 - (OSHA TED 8.4, Chapter III, paragraph 2,C,2,h)(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 64 - (OSHA TED 8.4, Chapter III, paragraph 2,C,3,h)(FR 65:45649-45663, para III,F,5,d,(4))(FR 54:3904-3916, Guidelines, c,(viii),(C),(3),(iii)) Employers should prepare for emergencies and conduct training and drills as needed so that the response of all employees to emergencies will be "second nature."

Q 65 - (OSHA 1910.900) Full compliance with all industry and OSHA ergonomic standards should be required in the workplace.

EMERGENCY RESPONSE

EMERGENCY PREPAREDNESS

Q 67 - (OSHA 1910.38) Periodic re-evaluation of workplace emergency preparedness requirements should be carried out at least annually and after each significant incident.

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 harm will be minimized in any illness or injury does occur.

SAFETY AND HEALTH TRAINING

TRAINING

Q 77 - (OSHA TED 8.4, Chapter III, paragraph 2,C,4,h)(FR 65:45649-45663, para III,F,5,d)(FR 54:3904-3916, Guidelines, b,(4)) Safety and health training should address the safety and health responsibilities of all personnel concerned with the site, whether salaried or hourly. It is often most effective when incorporated into other training regarding job practices.



OSHA Get Well Plan for All Categories

Marshall Space Flight Center



- Q 78** - (OSHA TED 8.4, Chapter III, paragraph 2,C,4,h)(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 81** - (OSHA TED 8.4, Chapter III, paragraph 2,C,4,g) A retrievable record keeping system should provide notification for retraining, makeup training, and modifications training for employees.
- Q 84** - (OSHA TED 8.4, Chapter III, paragraph 2,C,4,d) A formal orientation plan should be provided for all new hires. This plan should include, at a minimum, a discussion of hazards in the workplace, protective measures, emergency evacuation, and employee rights under the OSHA Act.
- Q 86** - (OSHA TED 8.4, Chapter III, paragraph 2,C,4,a)(OSHA 1910.120, App. E) Employees should be trained to recognize hazards, violations of industry standards, and facility practices.