

Correspondence Among Existing Safety and Health Program Standards and Guidelines

OSHA Recommended Practices (2016)	OSHA Guidelines (1989)	VPP Star (2000)	ILO-OSH (2001)	OHSAS 18001 (2007)	ANSI Z10 (2012)	NSC Journey to Safety Excellence (2013)
1 Management leadership <ul style="list-style-type: none"> • Communicate commitment to a safety and health program • Define program goals and expectation • Allocate resources • Expect performance 	1 Management commitment and employee involvement <ul style="list-style-type: none"> • Policy • Goals and objectives • Communication of responsibilities • Authority and responsible parties • Accountability (managers, supervisors, employees) 	1 Management leadership and employee involvement <ul style="list-style-type: none"> • Policy • Goals and objectives • Planning • Written SHMS • Communication • Responsibilities • Resources • Accountability (managers, supervisors, employees) • Employee participation 	Policy <ul style="list-style-type: none"> • 3.1 Occupational safety and health policy Organizing <ul style="list-style-type: none"> • 3.3 Responsibility and accountability • 3.5 Occupational safety and health management system documentation • 3.6 Communication Planning and implementation <ul style="list-style-type: none"> • 3.9 Occupational safety and health objectives 	4.2 Policy <ul style="list-style-type: none"> • 4.2 OH&S Policy 4.3 Planning <ul style="list-style-type: none"> • 4.3.3 Objectives and programs 4.4 Implementation and operation <ul style="list-style-type: none"> • 4.4.1 Resources, roles, responsibility, accountability and authority 	3 Management leadership and employee participation <ul style="list-style-type: none"> • Management leadership <ul style="list-style-type: none"> ○ 3.1.2 Policy ○ 3.1.3 Roles and responsibilities 4 Planning <ul style="list-style-type: none"> • 4.3 Objectives • 4.4 Implementation plans and allocation of resources 	2 Leadership and employee engagement <ul style="list-style-type: none"> • Management leadership and commitment • Creating a safety culture 3 Safety management systems <ul style="list-style-type: none"> • Integrating safety with other business processes • Workplace design and engineering 5 Performance measurement <ul style="list-style-type: none"> • Goal setting, rewards and incentives • Obtaining financial support for safety and health initiatives • Predictive analysis
2 Worker participation <ul style="list-style-type: none"> • Encourage workers to report safety and health concerns • Encourage workers to participate in the program • Involve workers in all aspects of the program • Give workers access to safety and health information • Remove barriers to participation 		1 Management leadership and employee involvement <ul style="list-style-type: none"> • Employee participation 	Policy <ul style="list-style-type: none"> • 3.2 Worker participation 	4.4 Implementation and operation <ul style="list-style-type: none"> • 4.4.3 Communication, participation and consultation 	3 Management leadership and employee participation <ul style="list-style-type: none"> • Employee participation 	2 Leadership and employee engagement <ul style="list-style-type: none"> • Workforce involvement
3 Hazard identification and assessment <ul style="list-style-type: none"> • Collect existing information about workplace hazards • Inspect the workplace • Conduct incident investigations • Identify hazards associated with 	2 Worksite analysis <ul style="list-style-type: none"> • Baseline worksite survey • New facility, process, material, and equipment planning • Hazard analysis (including injury and illness trends) • Inspections • Employee feedback 	b Worksite analysis <ul style="list-style-type: none"> • Baseline worksite survey • New facility, process, material, and equipment planning • Health hazard identification (industrial hygiene sampling rationale) • Routine evaluation of individual jobs • Routine self-inspections 	Planning and implementation <ul style="list-style-type: none"> • 3.7 Initial review • 3.8 System planning, development and implementation Evaluation <ul style="list-style-type: none"> • 3.12 Investigation of work-related injuries, ill health, diseases and incidents, and their impact on safety and health performance 	4.3 Planning <ul style="list-style-type: none"> • 4.3.1 Hazard identification, risk assessment and determining controls 4.5 Checking <ul style="list-style-type: none"> • 4.5.3.1 Incident investigation 	4 Planning <ul style="list-style-type: none"> • 4.1 Initial and ongoing reviews • 4.2 Assessment and prioritization • 5.1.1 Risk assessment 	4 Risk reduction <ul style="list-style-type: none"> • Hazard identification • Risk assessment • Job planning • Fatigue management • Ergonomics • Industrial hygiene • Slip, trip, and fall management • Transportation safety • Incident investigation

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<p>emergency and non-routine situations</p> <ul style="list-style-type: none"> Characterize the nature of identified hazards, determine the controls to be implemented, and prioritize the hazards for control 		<ul style="list-style-type: none"> Employee feedback Accident investigation Accident/illness trend analysis 				<ul style="list-style-type: none"> Emergency preparedness and response
<p>4 Hazard prevention and control</p> <ul style="list-style-type: none"> Identify control options Select controls Develop and update a hazard control plan Select controls to protect workers during non-routine operations and emergencies Implement selected controls in the workplace Follow up to confirm that controls are effective 	<p>3 Hazard prevention and controls</p> <ul style="list-style-type: none"> Procedures for controls (hierarchy of engineering, PPE, etc.) Emergency preparedness Medical program 	<p>c Hazard prevention and controls</p> <ul style="list-style-type: none"> Certified Professional Resources Hazard Elimination and Control Methods Hazard Control Programs Occupational Health Care Program Preventive Maintenance of Equipment Tracking of Hazard Correction Disciplinary System Emergency Preparedness and Response Emergency preparedness 	<p>Planning and implementation</p> <ul style="list-style-type: none"> 3.10 Hazard prevention <ul style="list-style-type: none"> 3.10.1 Prevention and control measures 3.10.2 Management of change 3.10.3 Emergency prevention, preparedness and response 3.10.4 Procurement 	<p>4.4 Implementation and operation</p> <ul style="list-style-type: none"> 4.4.6 Operational control 4.4.7 Emergency preparedness and response 	<p>5 Implementation and operation</p> <ul style="list-style-type: none"> 5.1.2 Hierarchy of controls 5.1.3 Design review and management of change 5.1.4 Procurement 5.1.6 Emergency preparedness 	
<p>5 Education and training</p> <ul style="list-style-type: none"> Provide program awareness training Train workers on their specific roles and responsibilities in the safety and health program Train workers on hazard identification and controls 	<p>4 Safety and health training</p> <ul style="list-style-type: none"> Train employees Supervisor responsibilities Management responsibilities 	<p>d Safety and health training</p> <ul style="list-style-type: none"> Train employees Supervisor responsibilities Management responsibilities 	<p>Organizing</p> <ul style="list-style-type: none"> 3.4 Competence and training 	<p>4.4 Implementation and operation</p> <ul style="list-style-type: none"> 4.4.2 Competence, training and awareness 	<p>5 Implementation and operation</p> <ul style="list-style-type: none"> 5.2 Education, training, awareness, and competence 	<p>3 Safety management systems</p> <ul style="list-style-type: none"> Hiring, training, and workforce development
<p>6 Program evaluation and improvement</p> <ul style="list-style-type: none"> Monitor performance and progress Verify the program is implemented and is operating 	<p>1 Management commitment and employee involvement</p> <ul style="list-style-type: none"> Review program operations at least annually 	<p>1 Management leadership and employee involvement</p> <ul style="list-style-type: none"> Annual evaluation 	<p>Evaluation</p> <ul style="list-style-type: none"> 3.11 Performance monitoring and measurement 3.13 Audit 3.14 Management review 	<p>4.5 Checking</p> <ul style="list-style-type: none"> 4.5.1 Performance measurement and monitoring 4.5.2 Evaluation of compliance 	<p>6 Evaluation and corrective action</p> <ul style="list-style-type: none"> 6.1 Monitoring, measurement, and assessment 6.2 Incident investigation 	<p>3 Safety management systems</p> <ul style="list-style-type: none"> Audits, inspections, and behavior-based safety <p>5 Performance measurement</p> <ul style="list-style-type: none"> Lagging and leading indicators

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<ul style="list-style-type: none"> Correct program deficiencies and identify opportunities to improve 			<ul style="list-style-type: none"> 3.15. Preventive and corrective action 3.16. Continual improvement 	<ul style="list-style-type: none"> 4.5.3.2 Nonconformity, corrective action and preventative action 4.5.5 Internal audit 	<ul style="list-style-type: none"> 6.3 Audits 6.4 Corrective and preventative actions 6.5 Feedback to the planning process 7 Management review <ul style="list-style-type: none"> 7.1 Management review process 7.2 Management review outcomes and follow up 	
<p>7 Coordination and communication for host employers, contractors and staffing agencies</p> <ul style="list-style-type: none"> Management leadership Worker participation Hazard identification and assessment Hazard prevention and control Education and training Program evaluation and improvement 		<p>1 Management leadership and employee involvement</p> <ul style="list-style-type: none"> Contract workers 	<p>Planning and implementation</p> <ul style="list-style-type: none"> 3.10.5. Contracting <p>Organizing</p> <ul style="list-style-type: none"> 3.5. Occupational safety and health management system documentation 3.6. Communication 	<p>4.3 Planning</p> <ul style="list-style-type: none"> 4.3.2 Legal and other requirements <p>4.4 Implementation and operation</p> <ul style="list-style-type: none"> 4.4.5 Control of documents <p>4.5 Checking</p> <ul style="list-style-type: none"> 4.5.4 Control of records 	<p>5 Implementation and operation</p> <ul style="list-style-type: none"> 5.1.5 Contractors <p>5 Implementation and operation</p> <ul style="list-style-type: none"> 5.4 Document and record control process 	<p>3 Safety management systems</p> <ul style="list-style-type: none"> Contractor and supply chain management