

Operations Integrity Management System



Every day, Imperial produces products that are essential to modern life and economic development – and we need to do that in a way that protects people, the environment, and the communities where we operate.

We remain steadfast in our commitment to excellence in Safety, Security, Health, and Environmental (SSH&E) performance, collectively referred to as Operations Integrity. The Imperial Operations Integrity Management System, or OIMS, provides a robust framework for achieving this by guiding our daily activities and setting clear expectations for managing the hazards inherent in our business.

It is everyone's responsibility to make the management of hazards, risks, and safeguards a key focus in their daily activities. This ensures we are operating in the best interests of each other, our families, our contractors, our communities, and our shareholders.

The latest enhancements to our OIMS Framework are designed to deliver:

- **Proactive risk management:** Our top priority is preventing life-altering injuries and managing high consequence risks.
- **Industry leading performance:** We are committed to achieving the highest standards in our operations.
- **Responsible operations:** Imperial is dedicated to being the most responsible operator in the industry and your partner of choice.

Through our capable, committed workforce along with rigorously applied management systems, I'm confident we will continue to drive Operations Integrity improvements and uphold our core value of care.

John R. Whelan

Chairman, President and CEO
Imperial Oil Limited



The framework

Imperial is committed to conducting business in a manner that is compatible with the environmental and economic needs of the communities in which we operate, and that protects the safety, security and health of our employees, those involved with our operations, our customers and the public. These commitments are documented in our safety, security, health, environmental and product safety policies. These policies are put into practice through a disciplined management framework called the Operations Integrity Management System (OIMS).

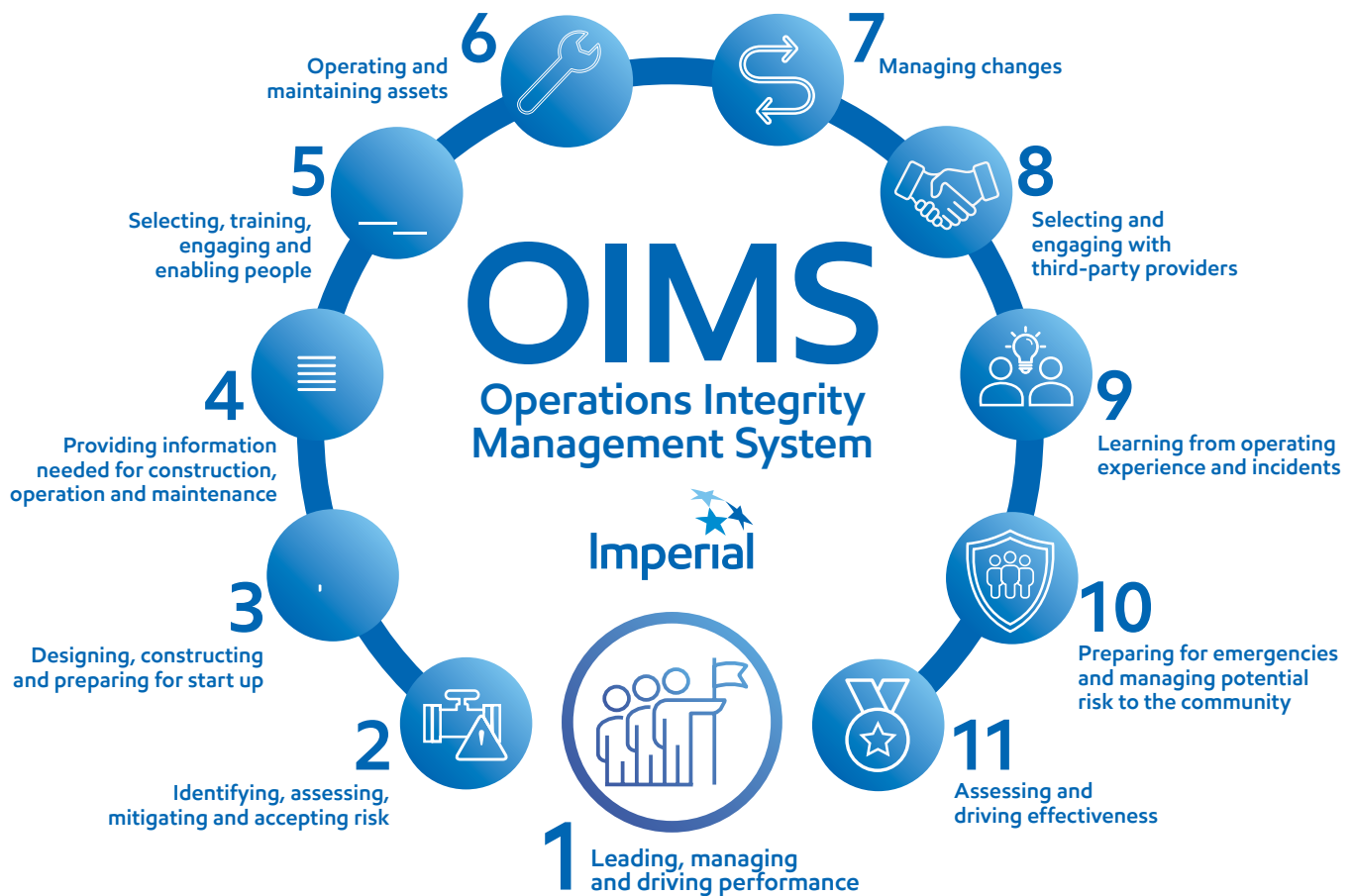
Imperial's OIMS framework establishes common worldwide expectations to address the risks inherent to our business. Imperial uses the term Operations Integrity (OI) to address all aspects of its business impacting personnel and process safety, security, health and environmental performance.

The OIMS framework includes 11 elements. Each element contains overarching objectives, and a set of expectations. The OIMS framework also includes the characteristics of and processes for implementing OI Management Systems.

Application of the OIMS framework is required across the entire Imperial enterprise, with a specific emphasis on design, construction and operations.

Leaders are responsible for ensuring Management Systems to satisfy the OIMS framework are in place and effective. The scope, priority and pace of Management System implementation should be consistent with the risks associated with the business.

The 11 OIMS elements



The elements



Element 1

Page 4

Leading, managing and driving performance

- Leadership behaviours and actions required to drive effective application of the Operations Integrity Management System (OIMS) and Operations Integrity Objectives are defined.
- Each business unit has effective management systems and processes to consistently meet Operations Integrity Objectives.
- Management and supervisor accountability is clarified throughout the organization.



Element 2

Page 8

Identifying, assessing, mitigating and accepting risk

- Operations Integrity hazards inherent to the business are identified, including hazards to people, communities, the environment, and our facilities.
- The risk(s) associated with these hazards is assessed, communicated, prioritized and mitigated to an acceptable level.
- Risk management safeguards are identified and mapped to systems to ensure there is a mechanism to maintain the safeguards' health.
- Decision making associated with risk mitigation and acceptance are made at the right level within the organization and based on thorough analysis.



Element 3

Page 10

Designing, constructing and preparing assets (facilities) for start up

- Risks are identified, assessed, mitigated and communicated during facility design, construction and startup.
- Design and construction meet approved standards, and deviations are approved at the appropriate level within the organization.
- Quality assurance processes are in place during construction to ensure facilities and materials are consistent with design specifications.
- Readiness to operate is confirmed through execution of a pre-startup review.



Element 4

Page 12

Providing information needed for asset construction, operation and maintenance

- Information and documentation needed to meet Operating Integrity Objectives are accurate, accessible and appropriately retained.



Element 5

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Selecting, training, engaging and enabling people

- People are selected and placed consistent with their abilities and job requirements.
- People are trained to achieve and maintain competency.
- Collective competency is maintained over time.
- Human performance principles are applied to engage and enable people to successfully perform their work.
- Individual capability is developed over time to enable people to recognize, safely respond, and manage variability in the work and work environment.



Element 6

Page 16

Operating and maintaining assets

- Procedures and work instructions effectively guide operations, maintenance and construction activities.
- Work to mitigate potential risks associated with operations, maintenance and construction activities is permitted and managed.
- Effectiveness of safeguards is verified before and during work to enable safe work execution.
- Interfaces to manage risk associated with simultaneous activities and operations are recognized, managed and operated.
- The mechanical integrity of facilities, equipment and wells is preserved.
- Risk associated with the defeat or degradation of safeguards are managed.
- Governmental and regulatory requirements, applicable laws, permits and external obligations are met.



Element 7

Page 20

Managing changes

- Changes in operations, procedures, site standards, facilities or organizations are evaluated and managed to ensure Operations Integrity safeguards remain healthy and risks remain at an acceptable level.



Element 8

Page 22

Selecting and engaging with third-party providers

- Third-party providers' performance expectations are established and third parties are selected (and supported, as required) in a manner to meet these expectations.
- Third-party providers are monitored and held accountable to performance objectives.
- Engagements between Imperial and third-party providers are tailored based on the potential Operations Integrity consequences of the work and the type of third-party provider.



Element 9

Page 24

Learning from operating experience and incidents

- Operations Integrity learning occurs from work (proactive) and from events (i.e., incidents, near misses).
- Events with high potential consequence are thoroughly investigated.
- Root causes are identified, including failed safeguards and leadership / organizational factors.
- High value lessons learned are shared openly and implemented proactively across operating sites and organizations and from other companies.



Element 10

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Preparing for emergencies and managing potential risk to the community

- Equipment, facilities and personnel are prepared to respond to Operations Integrity emergencies.
- Communities are engaged proactively to build and maintain relationships and manage potential Operations Integrity risks.



Element 11

Page 28

Assessing and driving effectiveness

- Operations Integrity Objectives are met through the effective application of OIMS and gaps and their root causes are identified, corrected and remain closed.



Element 1

Leading, managing and driving performance

Objectives

- Leadership behaviours and actions required to drive effective application of the Operations Integrity Management System (OIMS) and Operations Integrity Objectives are defined.
- Each business unit has effective management systems and processes to consistently meet Operations Integrity Objectives.
- Management and supervisor accountability is clarified throughout the organization.

Expectations

1.1

Leadership behaviours to drive OIMS

Managers and supervisors demonstrate passionate, proactive OIMS leadership behaviours conveying a deep commitment to the well-being of people, communities, the environment, and our facilities.

1.2

Engaged and open environment

Managers and supervisors create an open and trusting learning environment and ensure the workforce is actively engaged and committed to Operations Integrity processes and objectives.





1.3

Risk management behaviours and performance

Managers and supervisors recognize and reward positive risk-management behaviours and confront and correct risk-management performance issues.

1.4

Risk prioritization

Senior managers and business unit managers prioritize and document the depth and breadth of each OIMS system application consistent with their business risk profile. The priority is given to the prevention of fatalities, life-altering injuries and illnesses and serious community or environmental impacts. Business unit prioritization will inform the focus of assessment activities.



1.5

Layered risk management

Senior managers and business unit managers ensure there is a systematic, layered approach to effectively manage high consequence risks. For the highest consequence risks, this includes periodic senior management review of risk-reduction opportunities and ongoing safeguard health.

1.6

Safeguard health

Managers and supervisors take responsibility for the ongoing effectiveness and verification of safeguards and actively utilize leading and lagging indicators to verify and steward the ongoing health of safeguards.

- Safeguard health checks are part of routine supervisor responsibilities.
- Safeguards warranting additional layered verification by managers or subject-matter experts because of their potential consequences or complexity are documented and stewarded.

1.7

System and process competency

Senior managers and business unit managers ensure managers and supervisors have the knowledge and skills needed to effectively apply OIMS systems and processes.

1.8

Engagement and oversight of third-party providers

Managers conduct ongoing engagements with third-party providers to support effective execution. Managers also ensure third-party providers selected to execute work with potential for high consequence events apply a risk-management system which includes:

- proactive management oversight
- visible field leadership
- compliance with standards
- workforce competency
- performance management
- verification of leader effectiveness and safeguard health

Where gaps exist, the provider's system is supplemented to effectively manage risks.



1.9

Human factors and performance

Managers and supervisors consider human factors, including human performance capabilities in facility and work process design and in safeguard development and application. Where the effectiveness of these safeguards is dependent on human performance, behaviours are instilled to ensure effective execution.

These behaviours include:

- Identifying high consequence activities.
- Automating or simplifying work processes and tasks to reduce the potential for error.
- Instilling a culture where team members proactively seek help to precisely complete tasks.
- Requiring independent verification for critical tasks.

1.10

Incident and near-miss investigations

Incident and near-miss investigations are designed to determine if managers and supervisors were proactively identifying and correcting performance weaknesses before the incident occurred. This includes the degree to which management understood their risks and addressed the health of associated safeguards, including risk-management performance issues.



1.11

Evaluations and assessments

Managers routinely evaluate performance relative to Operations Integrity Objectives using a combination of leading and lagging indicators, as well as periodic internal and external assessments. Real-time corrections are made based on insights gained from ongoing indicators. Managers also ensure organizations embrace assessments as learning opportunities, and avoid preparations made solely to improve the assessment score/outcome.

1.12

Oversight of businesses operated by others

Managers responsible for businesses operated by others (OBO) must communicate OIMS principles and promote the use of OIMS or equivalent systems to achieve Operations Integrity Objectives.



Identifying, assessing, mitigating and accepting risk

Objectives

- Operations Integrity hazards inherent to the business are identified, including hazards to people, communities, the environment, and our facilities.
- The risk(s) associated with these hazards is assessed, communicated, prioritized and mitigated to an acceptable level.
- Risk management safeguards are identified and mapped to systems to ensure there is a mechanism to maintain the safeguards' health.
- Decision making associated with risk mitigation and acceptance are made at the right level within the organization and based on thorough analysis.

Expectations



2.1

Risk identification and assessment

Hazards and risks associated with operations are identified and assessed.

- Risk assessments are conducted for ongoing and transient operations, idled facilities, projects and products to identify and address potential hazards to personnel, communities, facilities, the public and the environment.
- Risk assessments are performed by qualified personnel, including experts from outside the immediate unit as appropriate.
- Major hazards and associated scenarios and safeguards are identified and communicated to the operating organization.
- Risk assessments are updated at specified intervals and as changes occur.

2.2

Risk decision making

Assessed risks are documented and eliminated or mitigated to a safe operating level.

- Acceptances of mitigated risks are made at the specified level within the organization.
- The associated scenarios and safeguards are communicated and mapped to a system that will maintain their health over time.

2.3

Mitigation and management

Risk management decisions and mitigations are implemented and the associated safeguards are sustained.

- The ongoing effectiveness of interconnected safeguards are regularly verified.
- For major hazards, the highest potential consequence scenarios and associated critical safeguards are defined and the effectiveness of these safeguards is verified over time.





Designing, constructing and preparing assets (facilities) for startup

Objectives

- Risks are identified, assessed, mitigated and communicated during facility design, construction and startup.
- Design and construction meet approved standards, and deviations are approved at the appropriate level within the organization.
- Quality assurance processes are in place during construction to ensure facilities and materials are consistent with design specifications.
- Readiness to operate is confirmed through execution of a pre startup review.

Expectations

3.1

Project management system

A project management system is in place to effectively manage all aspects of design, construction and startup of assets. For projects of limited scope and risk, a management of change process can be used to meet this requirement.



3.2

Risk assessments

Project design, construction and startup risks are assessed and mitigated.

3.3

Design and construction practices and standards

The design and construction of new or modified facilities use approved design practices and standards to:

- Meet applicable regulatory requirements.
- Incorporate appropriate requirements where regulations are not adequately protective.
- Consider human factors, including human capabilities with an emphasis on recognizing and mitigating error-prone designs and standards.



3.4

Deviations

Deviations from approved design practices and standards, or from the approved design, is permitted only after review and approval by the designated authority. The rationale for the decision to deviate is documented.

3.5

Quality assurance

Quality assurance processes are in place to ensure facilities and materials meet design specifications and construction is in accordance with the applicable standards.

3.6

Pre-startup review

A pre-startup review is performed and documented to confirm:

- Operations Integrity objectives are met.
- Construction is in accordance with or exceeds specifications.
- Appropriate operations, maintenance and emergency procedures are in place.
- The Operations Integrity safeguards identified during the risk assessment and acceptance are in place and working.
- Personnel are competent to operate and maintain the facility.
- Regulatory and permit requirements are met.

3.7

New practices and standards

When a design practice or standard is updated, an evaluation is conducted to determine if it should be applied to existing facilities.





Element 4

Providing information needed for asset construction, operation and maintenance

- Objectives**
- Information and documentation needed to meet Operating Integrity objectives are accurate, accessible and appropriately retained.

Expectations



4.1

Drawings, records and documentation

Drawings, records and documentation necessary for sound design, operation, inspection and maintenance and any changes of facilities are accurate, accessible and appropriately retained.

4.2

Inventories of major Operations Integrity hazards

Inventories of major Operations Integrity hazards and their associated scenarios, and the safeguards preventing them, are accurate, accessible and appropriately retained.



4.3

Information on the potential hazards of materials

Information on the potential hazards of materials involved in operations is accurate, accessible and appropriately retained.

4.4

Information on potential hazards associated with products

Information on the potential hazards associated with products, and guidance for their proper handling, use and disposal are documented and communicated.

4.5

Information on laws and requirements

Information on applicable laws and regulations, licenses, permits, codes, standards and practices is documented and kept current.





Selecting, training, engaging and enabling people

Objectives

- People are selected and placed consistent with their abilities and job requirements.
- People are trained to achieve and maintain competency.
- Collective competency is maintained over time.
- Human performance principles are applied to engage and enable people to successfully perform their work.
- Individual capability is developed over time to enable people to recognize, safely respond, and manage variability in the work and work environment.

Expectations

5.1

Selection and placement

People are effectively selected, screened (including alcohol and drug screening) and placed to meet specified job requirements.



5.2

Individual training and competence

Initial, ongoing and periodic refresher training is provided to ensure the necessary level of individual competency to meet Operations Integrity related job and legal requirements. Training is designed to ensure the safeguards to prevent or mitigate Operation Integrity risks are understood. In addition, work experience and specified demonstrated performance are considered in the assessment of individual competence. This includes:

- Appropriate training requirements for specific roles.
- Post-training assessment of employee knowledge and skills relative to requirements.
- Maintenance of training materials, documents and records.
- Assessment of training system effectiveness.

5.3

Collective competency

Assessments of the competency of work groups and supervisors are conducted on an appropriate frequency to ensure individual and collective competency to meet Operations Integrity Objectives. This includes ongoing review of team strength to meet daily, real-time Operations Integrity requirements.

5.4

Fitness for work

Ongoing fitness for work is managed. This considers impairment from alcohol and drugs, fatigue, or physical condition.

5.5

Human factor and performance

Human factors, including human performance capabilities are evaluated in the design of work processes and protective measures to reduce the likelihood and impact of human error.



5.6

Engaging and enabling operations Integrity behaviours

Effective processes are in place that reduce the risk of Operations Integrity incidents and engage people to influence the way they think and behave regarding risk management. For all work, supervisors effectively engage team members and enable safe execution of work. Supervisors, individuals, and teams are responsible for the following:

- Proactively self-identifying and eliminating at-risk conditions and behaviours.
- Identifying situations / conditions that would trigger work to be stopped and then resolved.
- Proactively intervening to address at-risk behaviours of others.
- Additionally for work with potential for high consequence events:
 - Verifying safeguards are in place and effective before work begins and during work.
 - Utilizing real-time risk assessment techniques to consistently recognize and proactively mitigate hazards and error prone situations.
 - Periodically verifying that behaviours remain consistent with established expectations.
 - Applying learnings from verification processes for safeguards and behaviours to guide continuous improvement and to further develop capability and capacity.



Operating and maintaining assets

Objectives

- Procedures and work instructions effectively guide operations, maintenance and construction activities.
- Work to mitigate potential risks associated with operations, maintenance and construction activities is permitted and managed.
- Effectiveness of safeguards is verified before and during work to enable safe work execution.
- Interfaces to manage risk associated with simultaneous activities and operations are recognized, managed and operated.
- The mechanical integrity of facilities, equipment and wells is preserved.
- Risk associated with the defeat or degradation of safeguards are managed.
- Governmental and regulatory requirements, applicable laws, permits and external obligations are met.

Expectations

6.1

Procedures and work instructions

Procedures and work instructions are current and used to ensure effective outcomes of work activities. Procedures consider:

- The level of Operations Integrity risk associated with the work activity and the level of detail and verification needed to meet Operations Integrity Objectives.
- Operating envelopes with consequence of deviation and response actions.
- Transient operations, as applicable.
- Regulatory requirements.
- Human factors, including human performance capabilities, and automating or simplifying processes or tasks to reduce potential for error.





6.2

Management of work

Permitted and non-permitted work activities are managed to meet Operations Integrity Objectives. This includes work planning, communication and authorization at the appropriate level.

- For operations and maintenance work, permit requirements are defined and effectively applied based on the Operations Integrity risks involved.
- For work with potential for high consequence events, safeguards are verified to be in place and effective before work begins and during work.
- The temporary defeat of safeguards is managed to ensure interim safe operation and effective return of safeguards to service.
- Interfaces are managed among work groups performing operations and maintenance work whose interaction introduces potential Operations Integrity risks.

6.3

Interface management

Key interfaces are managed to avoid Operations Integrity incidents that may result from misunderstanding or lack of information. This includes:

- Shift handover and shift-to-shift communication.
- Management of stacked work, co-located work activities and simultaneous operations.
- Communication and/or coordination within Imperial or third parties whose operations impact or are connected to Imperial operations.

6.4

Mechanical integrity

The integrity of facilities, equipment, structures and wells is tested, inspected and maintained in a manner that meets Operations Integrity Objectives. This includes:

- Inspection and maintenance programs that are consistent with defined equipment strategies and guidelines.
- Quality assurance to ensure materials introduced during maintenance or repair are consistent with specifications and standards.
- Effective management of long-term shutdown or abandonment.

6.5

Critical equipment

The continued effectiveness of Operations Integrity critical equipment is maintained and verified. This includes managing the temporary disarming, deactivation or other unavailability of critical equipment.



6.6

Critical safeguard management

Critical safeguards that help prevent or mitigate Operations Integrity highest consequence scenarios are managed to ensure they remain in place and effective. This includes ensuring:

- Effective interim safeguards are in place when a critical safeguard is unavailable.
- The availability and health of interconnected safeguards when a critical safeguard is unavailable.
- Verifications, including drills, are conducted to reinforce the knowledge and capabilities of people whose actions are part of critical safeguards.

6.7

Operating and environmental obligations

Applicable laws, regulations, permits and other obligations are met.

- Resulting operating requirements are documented and communicated to individuals and work groups.
- Activities, products or services that can interact with the environment are identified, assessed and controlled consistent with policy and regulatory requirements.
- Compliance is periodically verified at the appropriate frequency.





Managing changes

- Objectives**
- Changes in operations, procedures, site standards, facilities or organizations are evaluated and managed to ensure Operations Integrity safeguards remain healthy and risks remain at an acceptable level.

Expectations



7.1

Management of change

Permanent, temporary and emergency changes are effectively managed and documented. The level of change management is consistent with the level of Operations Integrity risks involved. Managing changes considers:

- Authority for approval of changes.
- Analysis, management, documentation and communication of new Operations Integrity risks and required safeguards.
- Ensuring safeguards for other risks are not compromised by the change.
- Compliance with approved standards and applicable regulations, including permitting requirements.
- Controls and limitations on the scope and duration of temporary and emergency changes.
- Training requirements.





Selecting and engaging with third-party providers

Objectives

- Third party providers' performance expectations are established and third parties are selected (and supported, as required) in a manner to meet these expectations.
- Third party providers are monitored and held accountable to performance objectives.
- Engagements between Imperial and third party providers are tailored based on the potential Operations Integrity consequences of the work and the type of third-party provider.

Expectations

8.1

Evaluation and selection

Third-party providers are screened, evaluated and selected using criteria that includes an assessment of their capabilities to perform work in a manner consistent with Operations Integrity expectations. Gaps in risk-management processes identified during third-party selection are supplemented as necessary to effectively manage Operations Integrity risks.



8.2

Performance requirements

Third-party performance requirements are defined and communicated; and third-party management is held accountable to meet these requirements, including:

- Providing personnel who are appropriately screened, trained, qualified and competent to perform specified duties.
- Proactive management oversight, visible field leadership, enforcement of standards and verification of both leader effectiveness and safeguard health, including critical safeguards.
- Effective application of Operations Integrity expectations and risk-management processes that are appropriate for the service(s) being provided.
- Effective management of interfaces between Imperial personnel and third-party service providers.

8.3

Engagement

Ongoing company-to-company engagement to support effective execution (prior to, during, after) is established between Imperial and the third-party provider, and is tailored consistent with:

- the potential Operations Integrity consequences associated with the work,
- third-party provider type, and
- capability and capacity of the third-party provider's workforce

8.4

Performance assessment

Third-party providers are accountable for monitoring, assessing and improving their performance on an ongoing basis, including the performance and engagement of their subcontractors. Imperial will monitor third-party performance, conduct observations and provide feedback on the adequacy of third parties' monitoring and assessment activities.





Learning from operating experience and incidents

Objectives

- Operations Integrity learning occurs from work (proactive) and from events (i.e., incidents, near misses).
- Events with high potential consequence are thoroughly investigated.
- Root causes are identified, including failed safeguards and leadership/organizational factors.
- High value lessons learned are shared openly and implemented proactively across operating sites and organizations and from other companies.

Expectations

9.1

Learning from work

For work with potential for high consequence events, proactive learning processes are used to:

- Understand and improve how work is performed (e.g., verifications, structured task observations, post-job reviews).
- Strengthen safeguards and reinforce desired workforce behaviours.

9.2

Event reporting

Operations Integrity incidents and near misses are identified and promptly reported. To ensure reporting is effective:

- Managers and supervisors create a learning environment which encourages reporting.
- People at all levels must proactively report incidents and near misses.



9.3

Severity determination

The severity of reported incidents and near misses is determined based on actual and potential consequence. This determination guides:

- Notifications to management
- Extend of investigation based on potential severity and complexity of the event. Investigations that require involvement from the Law Department are identified and the Law Department is appropriately engaged.

9.4

Investigation

Incidents and high potential consequence near misses are followed up in a timely manner including determination of the extent of investigation. The extent of investigation and associated documentation is determined based on potential severity and complexity of the event. Investigations include:

- Identification of failed or degraded safeguards, root causes and contributing factors, including the impact of human performance principles.
- Determination of whether managers and supervisors were proactively monitoring the health of safeguards and correcting performance weaknesses before the event occurred.
- Development of interim and long-term corrective actions to prevent similar events from occurring, with a focus on the root cause of the event and on the identification of high-impact risk reduction recommendations aligned with the hierarchy of controls where practicable.
- Development of key learnings for sharing.

9.5

Implementation of actions

Agreed-upon corrective actions are prioritized, implemented and stewarded to closure. Backlogs are managed to ensure corrective action selection, prioritization and implementation processes are effective. A process is in place that ensures these actions remain effective.

9.6

Communication and learning

High value learnings from work and events are communicated to employees, contractors and other stakeholders based on risk. This includes sharing with other Imperial organizations in a manner that promotes application of learnings beyond the impacted organization, where appropriate.

9.7

Learning from others

A process is in place to learn from and determine if corrective actions from incidents and near misses inside or outside of Imperial are required.

9.8

Trend analysis

Events and associated root causes, as well as information from proactive learning processes, are periodically analyzed for trends to develop broader, high value learnings and actions.



Preparing for emergencies and managing potential risk to the community

Objectives

- Equipment, facilities and personnel are prepared to respond to Operations Integrity emergencies.
- Communities are engaged proactively to build and maintain relationships and manage potential Operations Integrity risks.

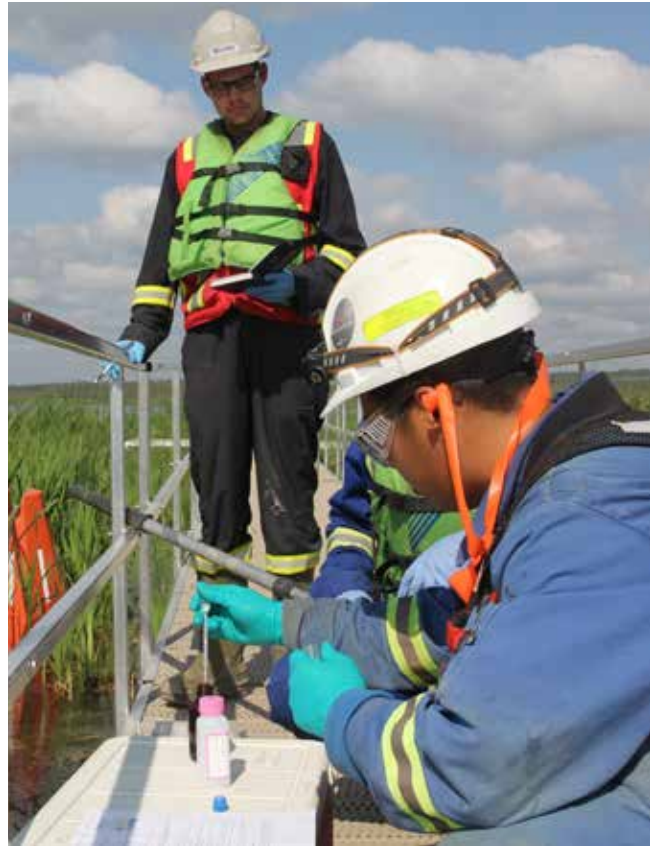


10.1

Emergency preparedness

The organization effectively plans, prepares for and responds to Operations Integrity emergencies.

- Emergency response plans - Plans and procedures are documented, accessible, current and clearly communicated to provide an effective response to incidents, including:
 - Response to incident scenario.
 - Organizational structure, roles and responsibilities (including relevant external entities).
 - Internal and external communication and interface protocols.
 - Accessibility to personnel, equipment and essential Operations Integrity information.
- Emergency response capability
 - Equipment, facilities and trained personnel needed for emergency response are defined, readily available and deployable.
- Emergency response drills - Testing of response plans, competency and capability is periodically conducted via a combination of tabletop simulations and field drills, including relevant external entities, as appropriate. Drills periodically test a range of credible scenarios and associated safeguards, including the highest potential consequence scenarios.
- Learn from experience - Learnings from tabletop simulations, drills and actual incident response are identified, and addressed.



10.2

Community risk management

Effective community relationships are developed.

- Community engagement - Relationships with the community are established and maintained to build confidence and demonstrate commitment to the environment and emergency preparedness, including understanding and being responsive to the community's expectations and concerns.
- Community hazard awareness - Communities and appropriate public authorities are aware of potential community exposures, emergency preparedness and notification systems, and recommended response actions, including mutual aid, in the event of an incident.



Assessing and driving effectiveness

- Objectives**
- Operations Integrity Objectives are met through the effective application of OIMS and gaps and their root causes are identified, corrected and remain closed.

Expectations

11.1

Assessing operations

Operations are assessed to establish the degree to which Operations Integrity expectations are met.

- Assessments evaluate the effectiveness of leadership in ensuring Operations Integrity Objectives are met, the effectiveness of OIMS, and corresponding results are delivered.
- External assessments are conducted at predetermined frequencies based on performance and business risk profile.
- Internal assessments are conducted at approximately the midpoint between the external assessments.
- Assessment results are rated based on risk and performance.
- Findings from assessments are evaluated, resolved and documented.

11.2

Enhancing assessments

The effectiveness of the assessment process is reviewed regularly and findings are used to make improvements.





The characteristics of management systems

It is critical that in our application of OIMS we focus on delivering results in a consistent and sustainable way. Leaders are responsible for engaging with their teams in a way that drives effective application of OIMS. Each business unit must have effective management systems and processes documented to include the following five characteristics, in order to consistently meet Operations Integrity Objectives.

Scope and objectives

Scope defines the system's boundaries and identifies interfaces with other systems, organizations and facilities. Objectives clearly define the system's purpose and expected results.

Processes and procedures

Processes address the steps describing what the system does and how it functions. Procedures address the key tasks required by a process.

Responsible and accountable resources

Through the appropriate experience and training, people are qualified, and have the approval, to carry out their roles for implementation and execution of the system. Operations leaders must understand, document and manage interconnected management systems and the safeguards embedded within these systems to mitigate major hazards and prevent incidents.

Verification and measurement

A system must be checked to see whether it is functioning as designed and is achieving its stated purpose. There are two components:

- Verification determines processes and procedures are functioning and being effectively executed.
- Measurement confirms the quality of system processes and determines the system objectives and results are being achieved.

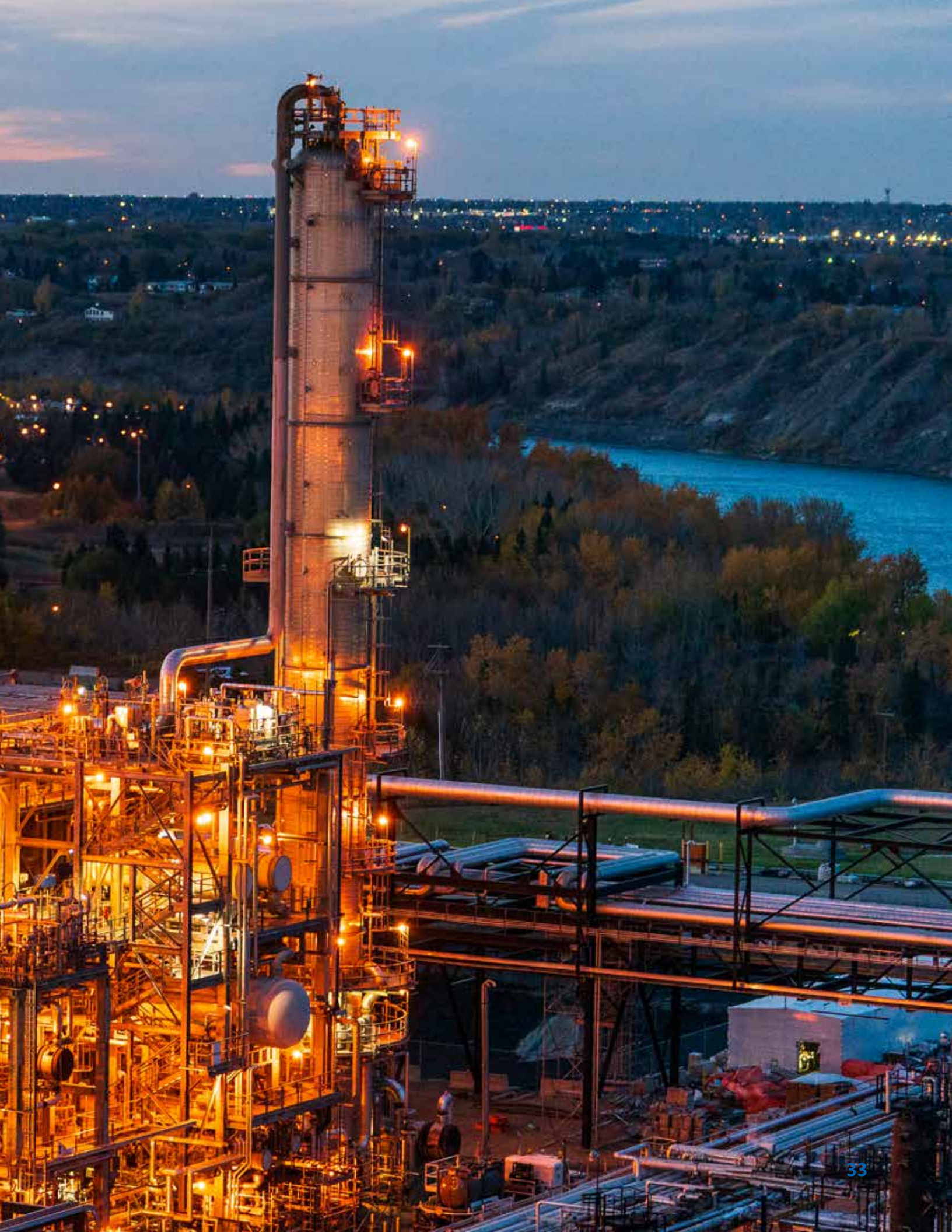
Leaders must think beyond verification and measurement results to ensure the interconnected OIMS systems are effectively managing inherent risks, with an emphasis on major hazards.



Feedback and improvement mechanisms

These mechanisms help ensure actions are taken to continuously improve the system. They use findings from assessments, and from verification and measurement activities, to enhance system suitability, capability and effectiveness.







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