

Cross-Reference
Between the January 2003, October 2006, and August 2013 Versions of the
Hazardous Liquid Integrity Management Protocols

Protocol 1 – Segment Identification					
January 2003 Version		October 2006 Version		August 2013 Version	
Protocol Number	Protocol Subject	Protocol Number	Protocol Subject	Protocol Number	Protocol Subject
1.01	HCA Identification	1.01	HCA Identification	1.01	HCA Identification
1.02	Direct Intersection Method (Title changed)	1.02	Direct Intersection Method and Direct Intersection Exceptions	1.02	Direct Intersection Method and Direct Intersection Exceptions
1.03	Direct Intersection Exceptions (Integrated into Protocol 1.02)				
1.04	Release Locations Selected for Analysis (Title changed and renumbered as Protocol 1.03)	1.03	Release Locations and Spill Volumes	1.03	Release Locations and Spill Volumes
1.05	Spill Volume (Integrated into Protocol 1.03)				
1.06	Overland Spread of Liquid Pool (Renumbered as Protocol 1.04)	1.04	Overland Spread of Liquid Pool	1.04	Overland Spread of Liquid Pool
1.07	Water Transport Analysis (Renumbered as Protocol 1.05)	1.05	Water Transport Analysis	1.05	Water Transport Analysis

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1.08	Air Dispersion Analysis (Renumbered as Protocol 1.06)	1.06	Air Dispersion Analysis	1.06	Air Dispersion Analysis
1.09	Identification of Segments that Could Affect HCAs (Changed the title and renumbered as Protocol 1.07)	1.07	Identification of Segments that Could Indirectly Affect an HCA	1.07	Identification of Segments that Could Indirectly Affect an HCA
1.10	Revision Control (Integrated into new Protocol 8.05)				
1.11	Process Formality (Integrated into new Protocol 8.06)				
1.12	Timely Completion of Segment Identification (Renumbered as Protocol 1.08)	1.08	Timely Completion of Segment Identification	1.08	Timely Completion of Segment Identification

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Protocol 2 – Baseline Assessment Plan					
January 2003 Version		October 2006 Version		August 2013 Version	
Protocol Number	Protocol Subject	Protocol Number	Protocol Subject	Protocol Number	Protocol Subject
2.01	Assessment Methods	2.01	Assessment Methods	2.01	Assessment Methods
2.02	Assessment Schedule (Title changed)	2.02	Prioritized Assessment Schedule (including Annual Report Part K data review)	2.02	Prioritized Assessment Schedule (including Annual Report Part K data review)
2.03	Risk Based Assessment Schedule (Integrated into Protocol 2.02)				
2.04	Prior Assessments (Renumbered as Protocol 2.03)	2.03	Prior Assessments	2.03	Prior Assessments
2.05	Updates and Revision Controls (Integrated into new Protocol 8.05)				
2.06	Completed Assessments (Integrated into Protocol 2.02)				

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Protocol 3 – Integrity Assessment Results Review					
January 2003 Version		October 2006 Version		August 2013 Version	
Protocol Number	Protocol Subject	Protocol Number	Protocol Subject	Protocol Number	Protocol Subject
3.01	Qualifications of Employees that Review and Evaluate Assessment Results	3.01	Qualifications of Employees that Review and Evaluate Assessment Results	3.01	Qualifications of Employees that Review and Evaluate Assessment Results
3.02	ILI Vendor Specifications	3.02	ILI Vendor Specifications	3.02	ILI Vendor Specifications
3.03	Validation of Assessment Results	3.03	Validation of Assessment Results	3.03	Validation of Assessment Results
3.04	Integration of Other Information with Assessment Results	3.04	Integration of Other Information with Assessment Results	3.04	Integration of Other Information with Assessment Results
3.05	Identifying and Categorizing Defects	3.05	Identifying and Categorizing Defects	3.05	Identifying and Categorizing Defects
3.06	Documentation and Distribution (Integrated into new Protocol 8.05)				
3.07	Hydrostatic Pressure Testing (Renumbered as Protocol 3.06)	3.06	Hydrostatic Pressure Testing	3.06	Hydrostatic Pressure Testing

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3.08	Results from the Application of Other Assessment Technologies (Renumbered as Protocol 3.07)	3.07	Results from the Application of Other Assessment Technologies	3.07	Results from the Application of Other Assessment Technologies
3.09	Process Formality (Integrated into new Protocol 8.06)				

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Protocol 4 – Remedial Action					
January 2003 Version		October 2006 Version		August 2013 Version	
Protocol Number	Protocol Subject	Protocol Number	Protocol Subject	Protocol Number	Protocol Subject
4.01	Process	4.01	Process	4.01	Process
4.02	Implementation	4.02	Implementation (including Annual Report Part J data review)	4.02	Implementation (including Annual Report Part J data review)

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Protocol 5 – Risk Analysis					
January 2003 Version		October 2006 Version		August 2013 Version	
Protocol Number	Protocol Subject	Protocol Number	Protocol Subject	Protocol Number	Protocol Subject
5.01	Comprehensiveness of Approach	5.01	Comprehensiveness of Approach	5.01	Comprehensiveness of Approach
5.02	Integration of Risk Information	5.02	Integration of Risk Information	5.02	Integration of Risk Information
5.03	Input Information	5.03	Input Information (subdivided into two questions)	5.03	Process for Input of Data and Information
				5.04	Adequacy of Data and Input Information
5.04	Pipeline Subdividing for Risk Analysis (Title changed)	5.04	Risk Analysis of Segments that Could Affect HCAs (question number changed)	5.05	Risk Analysis of Segments that Could Affect HCAs
5.05	Results	5.05	Results (question number changed)	5.06	Results
5.06	Facilities	5.06	Facilities (question number changed)	5.07	Facilities
5.07	Process Formality & Implementation (Integrated into new Protocol 8.06)				
5.08	Revision of Process (Integrated into new Protocol 8.05)				

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Protocol 6 – Preventive and Mitigative Measures					
January 2003 Version		October 2006 Version		August 2013 Version	
Protocol Number	Protocol Subject	Protocol Number	Protocol Subject	Protocol Number	Protocol Subject
6.01	Actions Considered	6.01	Actions Considered	6.01	Actions Considered
6.02	Risk Analysis Application	6.02	Risk Analysis Application	6.02	Risk Analysis Application
6.03	Decision Basis	6.03	Decision Basis	6.03	Decision Basis
6.04	Process Formality and Implementation (Integrated into new Protocol 8.06)				
6.05	Installed Leak Detection System Information (This protocol has been deleted in its entirety. Information on Leak Detection will be collected as part of Performance Data.)				
6.06	Leak Detection: Evaluation Factors (Renumbered as Protocol 6.04)	6.04	Leak Detection: Evaluation Factors	6.04	Leak Detection: Evaluation Factors
6.07	Leak Detection: Operator Actions/Reactions (Renumbered as Protocol 6.05)	6.05	Leak Detection: Operator Actions/Reactions	6.05	Leak Detection: Operator Actions/Reactions
6.08	EFRD: Factors (Renumbered as Protocol 6.06)	6.06	EFRD: Factors	6.06	EFRD: Factors

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Protocol 7 – Continual Process of Evaluation and Assessment					
January 2003 Version		October 2006 Version		August 2013 Version	
Protocol Number	Protocol Subject	Protocol Number	Protocol Subject	Protocol Number	Protocol Subject
7.01	Periodic Evaluation and Assessment Intervals (This protocol has been divided into two protocols – 7.01 and 7.02)	7.01	Periodic Evaluation (New)	7.01	Periodic Evaluation (New)
		7.02	Re-assessment Intervals	7.02	Re-assessment Intervals
7.02	Assessment Methods (Renumbered as Protocol 7.03)	7.03	Assessment Methods (including ECDA Plan)	7.03	Assessment Methods (including ECDA Plan)
7.03	Assessment Interval Variance (Renumbered as Protocol 7.04)	7.04	Assessment Interval Variance	7.04	Assessment Interval Variance
7.04	Process Formality (Integrated into new Protocol 8.06)	7.05	ECDA – Pre-Assessment	7.05	ECDA – Pre-Assessment
7.05	Process Implementation (The elements of this protocol have been integrated into Protocols 7.01 and 7.02)	7.06	ECDA – Indirect Assessment	7.06	ECDA – Indirect Assessment
		7.07	ECDA – Direct Examination	7.07	ECDA – Direct Examination
		7.08	ECDA – Post-Assessment	7.08	ECDA – Post-Assessment

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Protocol 8 – Program Evaluation					
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Protocol Number	Protocol Subject	Protocol Number	Protocol Subject	Protocol Number	Protocol Subject
8.01	Process Approach	8.01	Process Approach (question subdivided and enhanced)	8.01	Process for Measuring IM Program Effectiveness
				8.02	Records Demonstrate IM Program Effectiveness
8.02	Performance Metrics	8.02	Performance Metrics (question subdivided and enhanced)	8.03	Process for Defining Performance Metrics
				8.04	Records Demonstrate Effective Use of Performance Metrics
8.03	Communication of Evaluation Results	8.03	Communication of Evaluation Results	8.05	Communication of Evaluation Results
8.04	Root Cause Analysis Process	8.04	Root Cause Analysis Process	8.06	Root Cause Analysis Process
8.05	Process Implementation (The elements of this protocol have been integrated into Protocols 8.01 & 8.03)	8.05	Process Revision and Document Control (New)	8.07	Process Revision and Document Control
		8.06	Process Formality (New)	8.08	Process Formality