

Standards Manager Web Standards List
CII-Construction Industry Institute

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1	FR-383	Implementation Guide to Industrial Integrated Project Delivery (I2PD)	2023	CII	
2	FR-390	AWP Execution Planning Guide for Projects and Organizations	2023	CII	
3	FR-396	Business Case Analysis for Industrial Modularization	2023	CII	
4	FR-399	Key Performance Indicators and Metrics for Capital Efficiency in the Downstream and Chemicals Sector	2023	CII	
5	FR-400	Construction Industry Changes: Beyond the Pandemic	2023	CII	
6	FR-TC-03	Advanced Work Packaging Digital Threads to Enable Supply Chain Visibility on Capital Projects	2023	CII	
7	IR-394-2	CAPITAL EFFECTIVENESS & EFFICIENCY	2023	CII	
8	IR-396-2	A Business Case Analysis Guide and Tools for Industrial Modularization Implementation	2023	CII	
9	FR-384	Tracking and Tracing Construction Materials: Guidelines for Upstream and Onsite Implementation	2022	CII	74
10	FR-DCC-07	Development of a Project Capital Efficiency Scorecard: Strategic Business-project Alignment in Downstream and Chemicals Projects	2022	CII	100
11	FR-FHC-02A	The Value of Life Cycle Triple Bottom Line Calculations to Promote High-performance Buildings	2022	CII	124
12	FR-380	Circularity in Capital Projects: Innovations and Opportunities	2022	CII	0
13	IR166-3	CII Best Practices Guide: Improving Project Performance, Version 5.0	2022	CII	0
14	FR-381	Jumpstarting Your Organizational Change	2022	CII	
15	FR-382	Guide to Technologies for Preventing Serious Injuries and Fatalities Related to Last-minute Work Changes	2022	CII	
16	FR-370	Workforce 2030: What You Need to Know Now About Your Future Workforce	2021	CII	100
17	FR-372	Applying a Data-centric Approach to the Collaborative Execution of Capital Projects	2021	CII	76
18	FR-373	How Modular Chemical Process Intensification Compares with Conventional Approaches	2021	CII	84
19	FR-362	Breaking through to Collaborative Scheduling: Approaches and Obstacles	2021	CII	146
20	FR-363	Modernizing the Supply Chain and Increasing the Value of AWP	2021	CII	92
21	FR-371	Getting Ready for 2030: A People, Process, and Technology Roadmap for Offsite Construction	2021	CII	176
22	FR-DCC-06	After the Revolution: Understanding a Decade of Change in Project Delivery Systems and Their Impact on Project Performance	2021	CII	100
23	FR-TC-03	Advanced Work Packaging Digital Threads to Enable Supply Chain Visibility on Capital Projects	2020	CII	104
24	FR-TC-04	Challenge Teams: An Innovative Path to the Future	2020	CII	52
25	FR-DCC-04	Improving Frontline Supervision in Industrial Construction	2020	CII	116
26	FR-364	Integrating Commissioning and Startup into the AWP Work Process	2020	CII	64
27	FR-365	Promoting the Use of Advanced Work Packaging: Phase 2	2020	CII	124
28	FR-366	Project Definition Rating Index for Mining Projects	2020	CII	146
29	SP365-1	AWP Concierge	2020	CII	158
30	FR-UMM-01 VOL 1	Achieving Higher Levels of Facility Standardization in the UMM Commodity Market, Version 2.0	2020	CII	228
31	FR-UMM-01 VOL 2	Achieving Higher Levels of Facility Standardization in the UMM Commodity Market, Version 2.0	2020	CII	176

32	FR-344 PART 1	Improved Integration of the Supply Chain in Materials Planning and Work Packaging, Version 2.0	2020	CII	114
33	FR-344 PART 2	Improved Integration of the Supply Chain in Materials Planning and Work Packaging, Version 2.0	2020	CII	140
34	FR-DCC-01	How to Double Productivity	2019	CII	120
35	FR-PUI-01	A Guide to Regulatory Future-proofing for the Construction Industry	2019	CII	108
36	FR-TC-01	Bridging the Gap between Design and Construction Models to Improve Advanced Work Packaging	2019	CII	36
37	FR-TC-02	Virtual Reality Implementation Guide for Construction Projects	2019	CII	74
38	FR-FHC-02	Lifecycle Cost Estimation for Facilities and Healthcare	2019	CII	56
39	FR-MLS-01	Flexible Facility Development for Manufacturing and Life Sciences	2019	CII	52
40	FR-320A	Leading Indicators for the Prevention of Building Design Defects	2019	CII	100
41	FR-332	Measuring Progress and Defining Productivity Metrics in Model-based Engineering	2019	CII	140
42	FR-341	Integrated Project Delivery for Industrial Projects	2019	CII	136
43	FR-360	The Future of the Built Environment	2019	CII	28
44	IR308-3	Achieving Zero Rework through Effective Supplier Evaluation and Selection	2019	CII	68
45	IR113-2	PDRI: Project Definition Rating Index -- Industrial Projects, Version 5.0	2019	CII	224
46	RS313-1	Summary of Standard Industry-wide Quality Metrics	2018	CII	40
47	RR313-11	Creating Standards for Industry-wide Quality Metrics	2018	CII	136
48	IR313-2	Implementing Standard Industry-wide Quality Metrics	2018	CII	44
49	RS317-1a	Safety Performance through Operational Excellence, Phase II	2018	CII	36
50	RS331-1	Assessing the Maturity and Accuracy of Front End Engineering Design	2018	CII	48
51	RR331-11	The Maturity and Accuracy of Front End Engineering Design (FEED) and Its Impact on Project Performance	2018	CII	282
52	IR331-2	Front End Engineering Design (FEED) Maturity and Accuracy Total Rating System (MATRS)	2018	CII	150
53	RR334-11	Best Practices for Preventing Out-of-sequence Construction Activities and Minimizing their Impacts	2018	CII	366
54	FR-335	Improving the U.S. Workforce Development System	2018	CII	108
55	FR-340	Corporate Best Practices for Successful Productivity Improvement Programs	2018	CII	88
56	FR-330	Improving Frontline Supervision in Industrial Construction	2018	CII	72
57	FR-MLS-02	PDRix for Manufacturing & Life Sciences	2018	CII	112
58	FR-DCC-02	Construction Readiness Assessment for Productivity Improvement	2018	CII	96
59	SP334-1	The Out-of-Sequence Decision Support System	2018	CII	0
60	PAC2016-2	2016 Safety Report	2017	CII	68
61	SP333-1	Managing Transitions between Construction Completion, Pre-Commissioning, Commissioning, and Startup	2017	CII	152
62	SP166-4	CII Best Practices Handbook	2017	CII	92
63	SP23-3	Disputes Potential Index, Version 2.0	2017	CII	28
64	RS325-1	Successfully Planning for Project Manager Succession	2017	CII	40
65	IR325-2	A Succession Planning Process for Identifying Project Managers	2017	CII	40
66	RR317-12	Improving Site Safety Performance through Operational Excellence, Volume II	2017	CII	322
67	RS314a-1	Front End Planning Tool: PDRI --Small Infrastructure Projects	2017	CII	48
68	RR308-12	Achieving Zero Rework through Effective Supplier Quality Practices, Phase II	2017	CII	56
69	RS305-1	Strategies for Project Complexity Assessment and Management	2017	CII	36
70	IR305-2	A Guide to Assessing and Managing Project Complexity	2017	CII	84
71	IR171-2	Prefabrication, Preassembly, Modularization, and Offsite Fabrication: Decision Framework and Tool, Version 1.1	2017	CII	52

72	RR272-12	Advanced Work Packaging: Design through Workface Execution	2016	CII	276
73	RR305-11	Measuring Project Complexity and Its Impact	2016	CII	558
74	RR306-11	Quantitative Measurement of Project Manager Competencies	2016	CII	244
75	RR307-11	Mitigating Threats of Counterfeit Materials in the Capital Projects Industry	2016	CII	126
76	IR310-2	Effective Project Alignment for Construction Success	2016	CII	144
77	RR314a-11	Development of the Project Definition Rating Index for Small Infrastructure Projects	2016	CII	229
78	IR314a-2	Project Definition Rating Index -- Small Infrastructure Projects	2016	CII	120
79	RR311-11	Successful Delivery of Flash Track Projects	2016	CII	527
80	RR314-11	Development of the Project Definition Rating Index for Small Industrial Projects	2016	CII	279
81	RR312-11	Identification and Implementation of Critical Success Factors in the Commissioning and Startup of Capital Projects	2016	CII	260
82	RR315-11	Successful Delivery of Mega-projects	2016	CII	299
83	RR316-11	Modeling Strategies for Instantaneous Project Controls	2016	CII	202
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85	RR317-11	Improving Site Safety Performance through Operational Excellence	2016	CII	233
86	RR300-11	The True Impacts of Late Deliverables at the Construction Site	2016	CII	176
87	RS326-1	Maximizing Virtual Team Performance in the Construction Industry	2016	CII	32
88	RR326-11	Determining Virtual Team Performance in the Construction Industry	2016	CII	137
89	IR326-2	VIRTUOSO: High Performance Virtual Team Equalizer	2016	CII	36
90	RR318-11	Is There a Demographic Labor Cliff that Will Affect Project Performance?	2016	CII	366
91	RR319-11	Transforming the Industry: Advanced Work Packaging as a Standard (Best) Practice	2016	CII	190
92	RS320-1	Engineering Deliverables: Get It Right the First Time	2016	CII	36
93	RR320-11	Study of Engineering/Design Deliverable Quality	2016	CII	260
94	IR320-2	Tools for Enhancing the Quality of Problematic Design Deliverables	2016	CII	136
95	RS321-1	Precursors of High-Impact, Low-Frequency Events, Including Fatalities	2016	CII	44
96	RR321-11	Precursor Analysis for the Construction Industry: A Systematic Method for Predicting and Preventing Fatal and Disabling Injuries	2016	CII	74
97	IR321-2	Guide to Precursor Analysis for Construction Fatalities	2016	CII	44
98	RS322-1	Metrics That Matter: Improving Project Progress and Performance Assessment	2016	CII	44
99	RR322-11	Improving Project Progress and Performance Assessment by Using Core Project Control Metrics	2016	CII	121
100	IR322-2	Project Controls Improvement Tool and User Guide	2016	CII	134
101	RS323-1	Finding Leading Indicators to Prevent Premature Starts to Construction	2016	CII	32
102	RR323-11	Identifying Drivers, Leading Indicators, and Impacts of Premature Starts to Construction: A Quantitative and Qualitative Approach	2016	CII	132
103	IR323-2	Premature Start Impact Analysis Tool	2016	CII	92
104	RS324-1	Future Construction Needs of Virtual Design Models	2016	CII	32
105	RR324-11	Future Construction Needs of Virtual Design Models	2016	CII	172
106	IR324-2	Using Models in Construction: A Planning Guide	2016	CII	112
107	RR325-11	Best Practices for Project Manager Succession	2016	CII	145
108	RR327-11	Innovative Delivery of Information to the Crafts	2016	CII	149
109	RES-CPF 2015-11	Maximizing Success in Integrated Projects: An Owner's Guide	2016	CII	175
110	PAC2016-4	2016 Value of CII Best Practices Report	2016	CII	60

111	IS31-11	From Vision to Action: Igniting the Passion and Imagination of an Organization to Introduce Positive Change	2016	CII	58
112	PAC2015-2	2015 Safety Report	2016	CII	72
113	IR316-2 VOL 1	A Guide to Instantaneous Project Controls	2016	CII	36
114	IR316-2 VOL 2	A Guide to Instantaneous Project Controls	2016	CII	52
115	IR300-2 VOL 1	Late Deliverable Risk Catalog, Version 2.0	2015	CII	44
116	IR300-2 VOL 2	Late Deliverable Risk Catalog, Version 2.0	2015	CII	56
117	IR312-2 VOL 1	Achieving Success in the Commissioning and Startup of Capital Projects	2015	CII	92
118	IR312-2 VOL 2	Achieving Success in the Commissioning and Startup of Capital Projects	2015	CII	44
119	PAC2013-2	2013 Safety Report, Version 2.1	2015	CII	0
120	PAC2014-2	2014 Safety Report	2015	CII	72
121	IR319-2	Validating Advanced Work Packaging as a Best Practice: A Game Changer	2015	CII	176
122	IR318-2	Craft Risk/Availability Forecasting Tool	2015	CII	16
123	RS319-1	Making the Case for Advanced Work Packaging as a Standard (Best) Practice	2015	CII	48
124	RS327-1	Innovative Delivery of Information to the Crafts	2015	CII	28
125	RR302-11	Interface Management	2015	CII	172
126	RR303-11	Managing a Portfolio of Projects -- Metrics for Improvement	2015	CII	230
127	IR315-2	Mega-Project Assessment of Criticality Tool	2015	CII	112
128	RS316-1	Organizational Strategies for Instantaneous Project Controls	2015	CII	36
129	RS318-1	Is There a Demographic Craft Labor Cliff that Will Affect Project Performance?	2015	CII	44
130	IR314-2	Project Definition Rating Index -- Small Industrial Projects	2015	CII	116
131	RS315-1	Successful Delivery of Mega-Projects	2015	CII	44
132	IR311-2	Flash Track Tool	2015	CII	26
133	RS312-1	Critical Success Factors for Project Commissioning and Startup	2015	CII	44
134	RS314-1	Front End Planning Tool: PDRI -- Small Industrial Projects	2015	CII	44
135	RS311-1	Successful Delivery of Flash Track Projects	2015	CII	48
136	RR308-11	Achieving Zero Rework through Effective Supplier Quality Practices	2015	CII	289
137	RS310-1	Effective Project Alignment for Construction Success	2015	CII	36
138	IR245-2	Maximizing Engineering Value and Design Effectiveness Toolkit	2015	CII	188
139	IR245-3	Design Effectiveness Evaluation Tool	2015	CII	32
140	IR241-2	Construction Input Assessment Tool for Industrial and Building Projects, Version 4.0	2014	CII	20
141	IR242-2	Front End Planning of Renovation and Revamp Projects, Version 1.1	2014	CII	122
142	RS261-1	Owner and Contractor Jobsite Organization, Version 1.2	2014	CII	52
143	RR264-11	Product Integrity Concerns in Low-cost Sourcing Countries: Counterfeiting within the Construction Industry	2014	CII	614
144	RS265-1	Industrial Engineering/Manufacturing Techniques for Enhancing Construction Project Performance	2014	CII	48
145	RR252-11d	Construction Productivity Research Program -- Phase V	2014	CII	228
146	IR308-2	Achieving Zero Rework through Effective Supplier Quality Practices	2014	CII	48
147	RS308-1	Achieving Zero Rework through Effective Supplier Quality Practices	2014	CII	32
148	IR306-2	Project Manager Competency Assessment Tool User Manual	2014	CII	28
149	RS307-1	Mitigating Threats of Counterfeit Materials in the Capital Projects Industry	2014	CII	40
150	RS306-1	Quantitative Measurement of Project Manager Competencies	2014	CII	44
151	IR303-2	Managing a Portfolio of Projects: A Playbook for Success	2014	CII	64

152	RS304-1	Sustainability during Construction: Process and Actions	2014	CII	44
153	RR304-11	Study of Sustainability Opportunities during Construction	2014	CII	217
154	IR304-2	A Framework for Sustainability during Construction	2014	CII	156
155	IR302-2	Interface Management Implementation Guide	2014	CII	68
156	RS303-1	Managing a Portfolio of Projects: Metrics for Improvement	2014	CII	36
157	RS300-1	The True Impacts of Late Deliverables at the Construction Site	2014	CII	36
158	RS301-1	Using Near Miss Reporting to Enhance Safety Performance	2014	CII	32
159	RR301-11	Using Near Miss Reporting to Enhance Safety Performance	2014	CII	76
160	IR301-2	Near Miss Reporting Database Tool	2014	CII	32
161	RS302-1	Interface Management	2014	CII	36
162	RR293-11	Strategies for Improving Hazard Recognition	2014	CII	72
163	IR283-2	Industrial Modularization: Five Solution Elements, Version 1.1	2014	CII	124
164	RR291-11	Improving the Accuracy and Timeliness of Project Outcome Predictions	2014	CII	126
165	IR291-3	The Predictability Index - Benchmarking Project Outcome Predictions	2014	CII	24
166	RR292-11	Transferring Experiential Knowledge from the Near-Retirement Generation to the Next Generation	2014	CII	284
167	RR294-11	Deploying Best Practices in Unfamiliar Countries	2014	CII	232
168	IS31-2	The Implementation Process Action Tool	2014	CII	24
169	BMM2013-1	Benchmarking & Metrics Summary Report	2014	CII	52
170	IS31-1	From Vision to Action: Igniting the Passion and Imagination of an Organization to Introduce Positive Change	2014	CII	48
171	SP181-3	Adding Value through a Practical and Proactive Project Risk Management Process	2014	CII	52
172	IR213-2	Front End Planning Toolkit 2014.1	2014	CII	0
173	IR307-2	Counterfeit Materials Database	2014	CII	0
174	WS213-01	Front End Planning: Your Key to a Successful Project	2014	CII	0
175	WS34-01	Constructability	2014	CII	0
176	IR272-2 VOL 1	Advanced Work Packaging: Design through Workface Execution, Version 3.1	2013	CII	84
177	IR272-2 VOL 2	Advanced Work Packaging: Design through Workface Execution, Version 3.1	2013	CII	240
178	IR272-2 VOL 3	Advanced Work Packaging: Design through Workface Execution, Version 3.1	2013	CII	112
179	WS1-01	Effective PDRI Facilitation: Better Results through Better Delivery	2013	CII	0
180	IR294-2	International Readiness Passport: User Guide, Version 1.1	2013	CII	44
181	IR292-2	Experiential Knowledge Retention Management Model, Version 1.1	2013	CII	100
182	RS293-1	Strategies for Improving Hazard Recognition, Version 1.1	2013	CII	60
183	RS292-1	Transferring Experiential Knowledge from the Near-retirement Generation to the Next Generation	2013	CII	48
184	IR291-2	Four-casting for Early and Accurate Predictability	2013	CII	112
185	RR284-11	Going Beyond Zero Using Safety Leading Indicators	2013	CII	84
186	RR283-11	Industrial Modularization: How to Optimize; How to Maximize	2013	CII	307
187	IR293-2	Improving Hazard Recognition: Training, Planning, and Execution Strategies to Enhance Safety Performance, Version 1.1	2013	CII	48
188	RS294-1	Deploying Best Practices in Unfamiliar Countries, Version 1.1	2013	CII	36
189	RS291-1	Improving the Accuracy and Timeliness of Project Outcome Predictions, Version 1.1	2013	CII	64
190	RR252-11c	Construction Productivity Research Program -- Phase IV	2013	CII	170
191	RS252-1d	Construction Productivity Research Program -- Phase V	2013	CII	40
192	IR252-2d	The Construction Productivity Handbook	2013	CII	166

193	IR252-3d	Best Productivity Practices Implementation Index for Industrial Projects, Version 1.1	2013	CII	92
194	IR252-4d	Best Productivity Practices Implementation Index for Infrastructure Projects, Version 1.1	2013	CII	100
195	RR280-11	Applying Probabilistic Risk Management in Design and Construction Projects	2013	CII	122
196	IR280-2	Applying Probabilistic Risk Management in Design and Construction Projects, Version 1.2	2013	CII	48
197	RR281-11	Project Management Skills of the Future	2013	CII	310
198	IR281-2	Project Management Competency Development: Tools, Games, and Exercises	2013	CII	144
199	RR282-11	Improving Project Performance by Estimating, Controlling, and Managing Indirect Construction Costs	2013	CII	235
200	RS268-1a	Assessment of Effective Front End Planning Processes	2013	CII	60
201	IR268-2	PDRI: Project Definition Rating Index -- Infrastructure Projects, Version 4.0	2013	CII	156
202	RS272-1	Advanced Work Packaging: Design through Workface Execution, Version 2.1	2013	CII	40
203	RR272-11	Enhanced Work Packaging: Design through Workface Execution	2013	CII	217
204	RR240-12	Leveraging Technology to Improve Construction Productivity, Volume II: LEVER: The Predictive Model	2013	CII	65
205	RS246-1b	Support for the Implementation Champion: The Experience Reference Index	2013	CII	60
206	IR155-2	PDRI: Project Definition Rating Index -- Building Projects, Version 4.0	2013	CII	122
207	IR181-2	Integrated Project Risk Assessment (IPRA), Version 2.0	2013	CII	128
208	IR166-3	CII Best Practices Guide: Improving Project Performance, Version 4.0	2012	CII	138
209	IR246-3	Support for the Implementation Champion: The Experience Reference Index	2012	CII	36
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213	RR268-12	Data Analysis on the Implementation of Successful Front End Planning Processes	2012	CII	140
214	IR282-2	Playbook of Leading Industry Practices for Estimating, Controlling, and Managing Indirect Construction Costs, Version 1.2	2012	CII	96
215	RS283-1	Industrial Modularization: How to Optimize; How to Maximize	2012	CII	44
216	RS282-1	Leading Industry Practices for Estimating, Controlling, and Managing Indirect Construction Costs, Version 1.1	2012	CII	48
217	RS281-1	Project Management Skills of the Future	2012	CII	44
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219	RR265-11	Industrial Engineering/Manufacturing Techniques for Enhancing Construction Project Performance	2012	CII	288
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221	RR263-11	Globalization: Building a Successful Global Engineering and Construction Company	2012	CII	92
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225	RR257-11	An Analysis of Global Procurement and Materials Management Practices in the Construction Industry	2012	CII	306
226	IR252-2	Innovations in Mechanical Construction Productivity, Version 1.1	2012	CII	84
227	RS252-1c	Construction Productivity Research Program -- Phase IV, Version 1.1	2012	CII	68
228	RR252-11a	Craft Productivity Research Program -- Phase II	2012	CII	386
229	RR252-11b	Construction Productivity Research Program -- Phase III	2012	CII	248
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232	IR284-2	Implementing Active Leading Indicators, Version 1.1	2012	CII	32
233	SP268-3	Adding Value through Front End Planning	2012	CII	36

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235	WS264-01	Product Integrity Concerns: The Threat of Counterfeit Products in Construction	2012	CII	0
236	WS230-01	Lessons Learned Programs: Sharing the Past to Shape the Future	2012	CII	0
237	WS10-01	Concepts for Incentivizing Contractor Performance	2012	CII	0
238	IR105-2	Compass: Communications Project Assessment Tool, Version 2.1	2011	CII	0
239	WS266-01	Capital Project Value Propositions	2011	CII	0
240	IR258-2 VOL 1	Information Integration to Improve Capital Project Performance	2011	CII	0
241	IR258-2 VOL 2	Information Integration to Improve Capital Project Performance	2011	CII	0
242	BMM2011-1	Productivity Benchmarking Summary Report	2011	CII	52
243	IR250-2	Sustainable Design and Construction for Industrial Construction: A Primer	2011	CII	120
244	RS252-1b	Construction Productivity Research Program -- Phase III	2011	CII	68
245	RR252-11	Productivity Research Program -- Phase I	2011	CII	296
246	IR257-2	Global Procurement & Materials Management: An eGuide to Effective Project Execution	2011	CII	188
247	RS255-1	Transforming Modular Construction for the Competitive Advantage through the Adaptation of Shipbuilding Production Processes to Construction	2011	CII	56
248	RR255-11	Adaptation of Shipbuilding Production Systems to Construction	2011	CII	242
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250	IR253-2	Estimating Competency Assessment and Training Recommendations	2011	CII	40
251	RS253-1	Estimating as a Competency in Capital Projects	2011	CII	48
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253	IR252-2b	A Guide to Construction Rework Reduction	2011	CII	52
254	RR266-11	A Standardized Approach to Identify and Define Owner Value Interests and Align the E&C Response	2011	CII	127
255	RS268-1	Front End Planning Tool: PDRI for Infrastructure Projects	2011	CII	48
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258	RR269-11	Real-Time, Pro-Active Safety in Construction	2011	CII	116
259	IR269-2	Real-time Pro-active Safety in Construction	2011	CII	16
260	RS271-1	Starting from Scratch: A New Project Delivery Paradigm	2011	CII	44
261	RR243-11	2089077 Enhancing Innovation in the EPC Industry	2011	CII	136
262	IR244-3	Project Controls and Management Systems Interface Management	2011	CII	68
263	RS105-1	Compass: An Assessment Tool for Improving Project Team Communications, Version 2.1	2011	CII	32
264	RS243-1a	Enhancing Innovation in the EPC Industry: Industry Implementation Studies	2010	CII	44
265	RS243-1	Enhancing Innovation in the EPC Industry	2010	CII	48
266	RR240-11	Leveraging Technology to Improve Construction Productivity, Volume I: Historical Data Analysis	2010	CII	100
267	RR240-13	Leveraging Technology to Improve Construction Productivity, Volume III: Technology Field Trials	2010	CII	120
268	RS269-1	Real-time Pro-active Safety in Construction, Version 1.1	2010	CII	44
269	IR266-2	A User's Guide to the CII ValueShare Tool: Value Interest Identification Module and E&C Focus Points & Alignment Module	2010	CII	52
270	RS266-1	A Standardized Approach to Identifying and Defining Owner Value Interests and Aligning the E&C Response	2010	CII	52
271	RR258-11	Information Integration to Improve Capital Project Performance	2010	CII	132
272	IR263-2	Globalizing Self-assessment Tool (G-SAT) User Guide	2010	CII	34

273	RS264-1	Product Integrity Concerns in Low-cost Sourcing Countries: Counterfeiting within the Construction Industry, Version 1.1	2010	CII	64
274	RS263-1	Building a Successful Global Engineering and Construction Company	2010	CII	32
275	RS254-1	Best Practices in Quality Management for the Capital Facilities Delivery Industry	2010	CII	40
276	RR254-11	Best Practices in Quality Management for the Capital Facilities Delivery Industry	2010	CII	288
277	IR254-2	Implementing and Improving Quality Management Systems in the Capital Facilities Delivery Industry	2010	CII	80
278	RS257-1	Global Procurement and Materials Management	2010	CII	44
279	IR257-3	Materials Management Planning Guide	2010	CII	44
280	RS252-1a	Construction Productivity Research Program -- Phase II	2010	CII	44
281	IR252-2a	Guide to Activity Analysis	2010	CII	76
282	RES-CPF 2010-1	Project Execution Planning for Building Information Modeling (BIM)	2010	CII	36
283	RES-CPF 2010-2	BIM Project Execution Planning Guide, Version 2.0	2010	CII	133
284	RS6-8	Management of Project Risks and Uncertainties, Version 1.1	2010	CII	48
285	WS121-01	Planning for Startup	2010	CII	0
286	WS101-01	Design for Construction Worker Safety	2010	CII	0
287	IR101-2	Design for Construction Safety Toolbox, Version 2.0	2010	CII	0
288	WS165-01	Project Delivery and Contract Strategies Tool	2009	CII	0
289	BMM2009-10	Pharmaceutical and Biotechnology Facility Benchmarking Summary Report, 2005-2009	2009	CII	52
290	IR250-3	Sustainable Design and Construction for Industrial Construction: Implementation Resources	2009	CII	44
291	RR251-11	Nanotechnology and its Impact on Construction	2009	CII	145
292	RS252-1	Construction Productivity Program -- Phase I, Version 1.1	2009	CII	56
293	RS258-1	Information Integration to Improve Capital Project Performance	2009	CII	40
294	RS242-1	Front End Planning for Renovation and Revamp Projects: An Overview	2009	CII	56
295	RR242-11	Analysis Supporting Front End Planning for Renovation and Revamp Projects, Part 1	2009	CII	187
296	RR242-12	Analysis Supporting Front End Planning for Renovation and Revamp Projects, Part 2	2009	CII	199
297	RR241-11	Optimizing Construction Input in Front End Planning	2009	CII	156
298	RS244-1	Global Project Control and Management Systems	2009	CII	36
299	RS246-1a	The Role of Executive Support in Implementation Champion Success	2009	CII	36
300	IR244-2	Global Project Controls and Management Systems: Adapting Your PCMS Program for Success	2009	CII	56
301	IR246-2	The Implementation Planning Model: Steps to Success, Version 1.2	2009	CII	86
302	IR244-5	Project Controls Team Learning and Development Program	2009	CII	52
303	RS245-1	Maximizing Engineering Value	2009	CII	44
304	RR245-11	Maximizing Engineering Value	2009	CII	213
305	RS233-1	Evaluation of Design Effectiveness	2009	CII	32
306	IR113-3	Alignment During Pre-Project Planning: A Key to Project Success, Version 2.1	2009	CII	100
307	RR222-11	Best Practices for Design in Fast-Track Projects	2008	CII	182
308	RS240-1	Leveraging Technology to Improve Construction Productivity	2008	CII	52
309	IR240-2	LEVER: The Technology Prediction Tool	2008	CII	10
310	RS241-1	Optimizing Construction Input in Front End Planning	2008	CII	32
311	RS250-1	Sustainable Design and Construction in Industrial Construction	2008	CII	40
312	RR250-11	Sustainable Industrial Construction	2008	CII	223

313	WS11-02	The Owner's Role in Construction Worker Safety	2008	CII	0
314	WS11-01	Improving Safety Performance with Upstream Indicators	2007	CII	0
315	IR211-2	Global Virtual Engineering Team (GVET) Planner	2007	CII	0
316	IR214-2	Cost/Schedule Trade-Off Tool	2007	CII	0
317	RS246-1	The Implementation Planning Model: An Overview	2007	CII	40
318	RR246-11	Implementing CII Practices - The Implementation Planning Model: Steps to Success	2007	CII	96
319	RR233-11	Planning for, Facilitating, and Evaluating Design Effectiveness	2007	CII	238
320	RS234-1	Lean Implementation at the Project Level	2007	CII	36
321	RR234-11	Roadmap for Lean Implementation at the Project Level	2007	CII	426
322	RR221-11	Information Flow to Support Front End Planning	2007	CII	354
323	RS222-1	Best Modern Practices for Design in Fast Track Projects	2007	CII	32
324	RS230-1	Effective Management Practices and Technologies for Lessons Learned Programs	2007	CII	44
325	RR230-11	An Analysis of Lessons Learned Programs in the Construction Industry, Second Edition	2007	CII	266
326	IR230-2	Implementation of Lessons Learned Programs	2007	CII	49
327	RS231-1	Construction Industry Craft Training in the United States and Canada	2007	CII	48
328	RR231-11	Construction Industry Craft Training in the United States and Canada	2007	CII	238
329	RS232-1	Examination of the Shipbuilding Industry	2007	CII	32
330	RR232-11	Examination of the Shipbuilding Industry	2007	CII	146
331	RR210-11	Contracting to Appropriately Allocate Risk	2007	CII	632
332	IR210-2	Equitable Risk Allocation: Risk Assessment Worksheets Tutorial	2007	CII	96
333	IR210-3	Equitable Risk Allocation: A Legal Perspective	2007	CII	72
334	RS214-1	Trade-Off between Cost and Schedule	2007	CII	38
335	IR215-2	VOW: Voice of the Craft Worker Tool, Second Edition	2007	CII	156
336	RS216-1	Targeted Safety Programs	2006	CII	32
337	RR216-11	Target Safety: Programs Focused on Preventing Specific Hazards	2006	CII	124
338	RS220-1	Leading Indicators during Project Execution	2006	CII	36
339	RR220-11	Forecasting Potential Risks Through Leading Indicators to Project Outcome	2006	CII	342
340	IR220-2	Project Health Indicator (PHI) Tool: Assessing Project Health during Project Execution	2006	CII	116
341	RR214-11	Trade-Off Between Cost and Schedule	2006	CII	192
342	RS215-1	Work Force View of Construction Productivity	2006	CII	68
343	RR215-11	Work Force View of Construction Labor Productivity	2006	CII	288
344	RS211-1	Planning A Global Virtual Engineering Team: A Tool for Success	2006	CII	36
345	RR211-11	Effective Use of the Global Engineering Workforce	2006	CII	230
346	RS213-1	Front End Planning: Break the Rules, Pay the Price	2006	CII	44
347	RR213-11	Data Analysis in Support of Front End Planning Implementation	2006	CII	351
348	RR213-12	Case Study Analysis in Support of Front End Planning Implementation	2006	CII	200
349	RS210-1	Equitable Risk Allocation	2006	CII	56
350	IR192-2	Engineering Productivity Measurement System	2006	CII	72
351	RS201-1	Leadership in a Knowledge Era: Achieving the Learning Organization	2006	CII	40
352	RR201-11	Leadership in a Knowledge Era: Achieving the Learning Organization	2006	CII	120
353	RR203-11	Making Zero Rework A Reality: A Comparison of Zero Accident Methodology to Zero Rework and Quality Management	2006	CII	95

354	RS204-1	The Owner's Role in Project Success	2006	CII	36
355	RR204-11	The Owner's Role in Project Success	2006	CII	342
356	RS205-1	Commodity vs Value-Added Contractor Services	2006	CII	56
357	RR205-11	Commodity vs Value-Added Contractor Services	2006	CII	292
358	BMM2006-10	Lessons Learned in the Implementation of Best Practices for Project Security	2006	CII	76
359	BMM2006-11	Impacts of Automation and Integration Technologies on Project and Company Performance	2006	CII	125
360	SP34-1	Constructability Implementation Guide, Second Edition	2006	CII	169
361	IR204-2	Project Priority Calculator	2006	CII	0
362	VA-006	One Too Many	2005	CII	0
363	IR-BMM-3	Implementing Project Security Practices	2005	CII	60
364	IR203-2	Zero Field Rework Self-Assessment Opportunity Checklist	2005	CII	24
365	RS203-1	Making Zero Rework A Reality	2005	CII	40
366	RR200-11	Attracting, Recruiting, and Retaining Top Quality Construction Leaders/Managers	2005	CII	109
367	RS191-1	Lean Principles in Construction	2005	CII	44
368	IR111-3	Core Competency Toolkit	2005	CII	100
369	RR191-11	Application of Lean Manufacturing Principles to Construction	2004	CII	339
370	RS181-1	Risk Assessment on International Projects: A Management Approach	2004	CII	52
371	IR200-2	The Future Starts Now: Recommendations for Recruiting and Retaining Future Engineering and Construction Leaders	2004	CII	6
372	IR200-3	Recruiting and Retaining: Company Self-Assessment	2004	CII	4
373	RR192-11	Engineering Productivity Measurements II	2004	CII	272
374	RS193-1	Techniques for Radical Reduction in Project Cycle Time	2004	CII	28
375	RR193-11	Radical Reduction in Project Cycle Time	2004	CII	303
376	IR193-2	Project Manager's Game Planner for Radical Reduction in Project Cycle Time	2004	CII	18
377	IR193-3	Project Manager's Playbook for Radical Reduction in Project Cycle Time	2004	CII	78
378	RS166-1	Measuring Organizational Implementation Status: Development of the CII Knowledge Implementation Index (CKII)	2004	CII	36
379	RS200-1	Recruiting and Retaining Future Engineering and Construction Leaders	2004	CII	36
380	BMM2004-10	Best Practices for Project Security	2004	CII	87
381	RR165-11	Characteristics of Integrated Project Delivery and Contract Strategies	2003	CII	200
382	RS163-1	Onsite Design: When and How Much?	2003	CII	32
383	RR163-11	Onsite Design	2003	CII	133
384	IR163-2	Onsite Design Tool for Project Planning, Second Edition	2003	CII	66
385	RR172-11	Improving Capital Projects Supply Chain Performance	2003	CII	260
386	RS160-1	Safety Plus: Making Zero Accidents A Reality	2003	CII	36
387	IR165-2	Owner's Tool for Project Delivery and Contract Strategy Selection User's Guide, Second Edition	2003	CII	93
388	RR181-11	Development of the International Project Risk Assessment (IPRA) Tool	2003	CII	380
389	RS192-1	Engineering Productivity Measurements II	2003	CII	40
390	RS190-1	The Owners' Role in Construction Safety	2003	CII	52
391	RR190-11	The Owner's Role in Construction Safety	2003	CII	187
392	RS182-1	The Shortage of Skilled Craft Workers in the U.S.	2003	CII	48
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394	RS183-1	Design Practices to Facilitate Construction Automation	2003	CII	48

395	RR183-11	Design Practices to Facilitate Construction Automation	2003	CII	126
396	RS184-1	Introduction to the Value Management Toolkit	2003	CII	32
397	RR184-11	Development of the Value Management Toolkit	2003	CII	413
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399	RR185-11	The Effectiveness of Innovative Crew Scheduling Techniques	2003	CII	208
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402	RR171-11	Preliminary Research on Prefabrication, Pre-assembly, Modularization, and Off-site Fabrication in Construction	2002	CII	166
403	RR171-12	Development of a Decision-Support Tool for Prefabrication, Pre-assembly, Modularization, and Off-site Fabrication	2002	CII	86
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405	RR161-11	Factors Impacting Small Capital Project Execution	2002	CII	190
406	RS160A-1	Making Zero Accidents A Reality: Focus on Shutdowns, Turnarounds, and Outages	2002	CII	36
407	RR160A-11	Making Zero Accidents A Reality: Focus on Shutdowns, Turnarounds, and Outages	2002	CII	106
408	RR173-11	Construction Technology Needs Assessment Update	2002	CII	306
409	IR173-2	Technology Implementation Cycle	2002	CII	5
410	RR180-11	State-of-Practice of E-Commerce Application in the Construction Industry	2002	CII	143
411	RR180-12	Case Studies of E-Procurement Initiatives	2002	CII	100
412	RR170-11	Virtual Teams: A Guide to Successful Implementation	2002	CII	150
413	RR165-12	Project Delivery and Contract Strategy	2002	CII	292
414	RR166-11	Assessment of CII Knowledge Implementation at the Organizational Level	2002	CII	430
415	BMM2002-10	Measuring the Impacts of the Delivery System on Project Performance -- Design-Build and Design-Bid-Build	2002	CII	109
416	BMM2002-3	Benchmarking and Metrics Summary Report for 2001	2002	CII	45
417	BMM2001-10	Impacts of Design/Information Technology on Building and Industrial Projects	2001	CII	45
418	IR166-2	Implementation Model + Knowledge Structure Guide	2001	CII	36
419	RS165-1	Owner's Tool for Project Delivery and Contract Strategy Selection	2001	CII	36
420	IR170-2	Virtual Teams: A Guide to Successful Implementation	2001	CII	40
421	RR158-11	Quantifying the Cumulative Impact of Change Orders for Electrical and Mechanical Contractors	2001	CII	198
422	IR161-2	Small Projects Toolkit	2001	CII	116
423	RS161-1	Small Project Execution	2001	CII	24
424	RS156-1	Engineering Productivity Measurement	2001	CII	32
425	RR156-11	Engineering Productivity Measurement	2001	CII	361
426	RS153-1	The Field Rework Index: Early Warning for Field Rework and Cost Growth	2001	CII	40
427	RR153-11	An Investigation of Field Rework in Industrial Construction	2001	CII	136
428	RS154-1	Electronic Simulation in Construction	2001	CII	40
429	RR154-11	Electronic Simulation in Construction	2001	CII	220
430	RS143-1	Craft Labor Productivity	2001	CII	36
431	RR143-11	Determinants of Jobsite Productivity	2001	CII	204
432	RS151-1	Radio Frequency Identification Tagging	2001	CII	36
433	IR151-2	Radio Frequency Identification Tagging: Applications for the Construction Industry	2001	CII	48
434	RS152-1	3D CAD and FIAPP: Three-Dimensional Computer Models and the Fully Integrated and Automated Project Process	2001	CII	32

435	RR152-11	Three-Dimensional Computer Models and the Fully Integrated and Automated Project Process for the Management of Construction	2000	CII	208
436	RR151-11	Radio Frequency Identification Tagging: Applications for the Construction Industry	2000	CII	132
437	RR124-11	Re-Engineering the EPC Process	2000	CII	152
438	RS135-1	Attracting and Maintaining a Skilled Construction Work Force	2000	CII	33
439	RS158-1	Quantifying the Cumulative Impact of Change Orders for Electrical and Mechanical Contractors	2000	CII	42
440	RS155-1	Pre-Project Planning Tool: PDRI for Buildings	1999	CII	40
441	RR155-11	Development of a Project Definition Rating Index (PDRI) for Building Projects	1999	CII	312
442	RR135-11	Attracting and Maintaining A Skilled Workforce	1999	CII	240
443	RS131-1	Qualitative Prediction of Estimate Accuracy	1999	CII	40
444	IR133-2	Project Delivery System Selection Workbook	1999	CII	48
445	RS134-1	Identifying Success Factors for High Performance Project Teams	1999	CII	40
446	RS124-1	Exceptional Projects and Methods of Improving Project Performance	1999	CII	28
447	IR134-2	Tools for Effective Project Team Leadership	1999	CII	36
448	RS140-1	Employee-Based Project Incentives	1999	CII	28
449	RR140-11	Project-Specific Employee Incentives	1999	CII	344
450	IR140-2	Employee-Based Project Incentives Toolkit	1999	CII	44
451	RS142-1	Design for Maintainability: Improving Project Return on Investment	1999	CII	45
452	RR142-11	A Model Process for Maintainability Implementation	1999	CII	232
453	RR142-12	State-of-Practice in Maintainability: Seven Case Studies	1999	CII	260
454	IR142-2	Design for Maintainability Guidebook	1999	CII	104
455	RR121-11	Planning for Startup: Analysis of the Planning Model and Other Success Drivers	1999	CII	190
456	RS0-1	Guidelines for an Implementation Program	1999	CII	24
457	IR7-3	Procurement and Materials Management: A Guide to Effective Project Execution	1999	CII	566
458	SD-42	Advanced Building Technology (ABT) Matrix	1998	CII	338
459	IR121-2	Planning for Startup	1998	CII	163
460	RS114-1	Innovative Contractor Compensation	1998	CII	40
461	RR114-11	Innovative Strategies for Contractor Compensation	1998	CII	330
462	RS121-1	Planning for Startup: Overview of Research	1998	CII	32
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464	RR111-11	Owner/Contractor Work Structure: A Process Approach	1998	CII	322
465	RS137-1	An Analysis of Multiskilled Labor Strategies in Construction	1998	CII	40
466	RR137-11	An Analysis of Multiskilled Labor Strategies in Construction	1998	CII	300
467	RR137-12	Multiskilling Labor Strategies in Construction: Experiences with Multiskilling Labor Strategies in the Construction Industry	1998	CII	96
468	RR137-13	Multiskilling Labor Strategies in Construction: Implementation of Multiskilling in the Construction Industry	1998	CII	56
469	RR133-11	Project Delivery Systems: CM at Risk, Design-Build, Design-Bid-Build	1998	CII	192
470	RR123-11	Modeling the Lessons Learned Process	1998	CII	290
471	RS130-1	Reforming Owner, Contractor, Supplier Relationships: A Project Delivery System to Optimize Supplier Roles in EPC Projects	1998	CII	44
472	RR130-11	PEpC: A Breakthrough Project Delivery System That Improves Performance by Reforming Owner, Contractor, Supplier Relationships	1998	CII	326

473	RS125-1	Cost and Schedule Impacts of Information Management	1998	CII	36
474	RR125-11	Determining the Impact of Information Management on Project Schedule and Cost	1998	CII	400
475	RR134-11	Identifying Success Factors for High Performance Work Teams	1998	CII	154
476	IR131-2	Improving Early Estimates Best Practices Guide	1998	CII	56
477	RS133-1	Project Delivery Systems: CM at Risk, Design-Build, Design-Bid-Build	1997	CII	44
478	RS136-1	Wireless Communication and Computing at the Construction Jobsite	1997	CII	52
479	RR136-11	Wireless Communication and Computing at the Construction Jobsite	1997	CII	156
480	IR125-2	Determining the Impact of Process Change on the EPC Process	1997	CII	111
481	IR111-2	Owner/Contractor Work Structure Process Handbook	1997	CII	189
482	RS113-1	Pre-Project Planning Tools: PDR1 and Alignment	1997	CII	44
483	RS112-1	2% Engineering -- Can It Work for You?	1997	CII	32
484	RS123-1	Modeling the Lessons Learned Process	1997	CII	40
485	RR113-12	Team Alignment During Pre-Project Planning of Capital Facilities	1997	CII	356
486	RR105-11	An Assessment Tool for Improving Team Communications	1997	CII	232
487	IR47-2	Tools for Enhancing the Piping Engineering Process	1997	CII	88
488	IR123-2	Lessons Learned Wizard	1997	CII	0
489	VC-605	Maya Project: Success Through Team Building	1996	CII	0
490	RS45-1	Improved Workers' Compensation Management in Construction	1996	CII	40
491	RR45-11	Improved Workers' Compensation Management in Construction	1996	CII	156
492	IR45-2	A Field Guide to Workers' Compensation	1996	CII	44
493	RR46-11	Forces Affecting Opportunities for Construction Means and Methods R&D in the Public Sector	1996	CII	118
494	RR46-12	Finding Technology Payback Potential	1996	CII	46
495	RS47-1	Piping: Improving P&IDs, Supplier Data, and Packaged Units	1996	CII	40
496	RR47-11	Improving Industrial Piping Through Vendor Data and Packaged Units Processes	1996	CII	180
497	RR47-12	Enhancement of the Piping and Instrumentation Diagram Development Process	1996	CII	224
498	RR47-13	Managing Uncertainty in the Piping Process	1996	CII	116
499	RR41-11	An Investigation of Schedule Reduction Techniques for the Engineering and Construction Industry	1996	CII	162
500	RS49-1	International Standards and U.S. Construction Industry Competitiveness	1996	CII	64
501	RS40-1	Continuing Supervisory Education: An Overview	1996	CII	36
502	RR40-11	Supervisory Development for the Construction Industry	1996	CII	276
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504	RR107-11	Development of a Predictive Tool for Continuous Assessment of Project Performance	1996	CII	212
505	IR107-2	Continuous Assessment of Project Performance	1996	CII	64
506	IR107-3	Predictive Tools Road Map	1996	CII	20
507	RS101-1	Design for Safety	1996	CII	48
508	RR101-11	Addressing Construction Worker Safety in the Project Design	1996	CII	160
509	RS102-1	Model for Partnering Excellence	1996	CII	40
510	RR102-11	The Partnering Process -- Its Benefits, Implementation and Measurement	1996	CII	228
511	IR102-2	Partnering ToolKit	1996	CII	101
512	RR103-11	Optimizing Project Organizations	1996	CII	158
513	RS111-1	Owner/Contractor Work Structure: A Preview	1996	CII	32

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515	IR23-2	Prevention and Resolution of Disputes Using Disputes Review Boards	1996	CII	59
516	RR22-11	Navy Demonstration Project: Testbed for Selected CII Principles	1995	CII	212
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521	RS41-1	Schedule Reduction	1995	CII	44
522	RR49-11	International Standards: U.S. Construction Industry Competitiveness	1995	CII	280
523	RS42-1	Barriers to Implementation of CII Concepts: An Overview	1995	CII	64
524	RR42-11	Barriers to Implementation	1995	CII	238
525	IR42-2	Guidelines for Implementation of CII Concepts: Best Practices for the Construction Industry	1995	CII	136
526	RS48-1	Environmental Remediation	1995	CII	28
527	IR48-2	Environmental Remediation Management: An Eight-Step Process	1995	CII	132
528	SP39-2	Pre-Project Planning Handbook	1995	CII	140
529	SD-107	A Multi-Media Design Aid for Project Hazard Identification & Remediation, Part I	1995	CII	114
530	SD-108	Quantitative Impacts of Project Change	1995	CII	146
531	SD-100	The Cost-Trust Relationship in the Construction Industry	1994	CII	234
532	SD-101	DPI - Dispute Potential Index: A Study into the Predictability of Contract Disputes	1994	CII	80
533	SD-102	Perceptions of Representatives Concerning Project Success and Pre-Project Planning Effort	1994	CII	184
534	SD-103	Quality Performance Measurements of the EPC Process: The Blueprint	1994	CII	142
535	SD-104	3-D Modeling as a Tool to Improve Integrated Design in Construction	1994	CII	164
536	SD-105	Analysis of Pre-Project Planning Effort and Success Variables for Capital Facility Projects	1994	CII	256
537	SD-106	Evaluation of Owner-Contractor Relationships in Contaminated Site Remediation Projects	1994	CII	166
538	SP48-3	Influence of Potential Soil Contamination on Construction Projects	1994	CII	40
539	SP36-2	The Blueprint: A Process for Measuring Project Quality	1994	CII	76
540	SP43-1	Project Change Management	1994	CII	60
541	SP31-1	Implementing TQM in Engineering & Construction	1994	CII	196
542	RS43-2	Quantitative Effects of Project Change	1994	CII	40
543	RS50-2	Americans with Disabilities Act	1994	CII	32
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546	RS15-1	Emerging Construction Technologies and the Advanced Construction Technology System (ACTS)	1994	CII	46
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549	SD-99	The Effects of Change on Labor Productivity: Why and How Much	1994	CII	84
550	SD-92	Common Commodity Codes	1993	CII	42
551	SD-93	Organizing for Capital Projects: A Rational Approach	1993	CII	150
552	SD-94	Modeling Pre-Project Planning for the Construction of Capital Facilities	1993	CII	144
553	SD-95	Dispute Prevention and Resolution	1993	CII	176
554	SD-97	Adaptation of Quality Function Deployment to Engineering and Construction Project Development	1993	CII	178

555	RS19-1	Allocation of Insurance-Related Risks and Costs on Construction Projects	1993	CII	52
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557	RS20-2	An Introduction to Integrated Database Systems	1993	CII	32
558	RS20-3	Achieving an Integrated Data Environment: A Strategic Initiative	1993	CII	28
559	RS24-1	Cost-Trust Relationship	1993	CII	48
560	RS37-1	Team Building: Improving Project Performance	1993	CII	48
561	RS32-1	Zero Injury Techniques	1993	CII	48
562	RS34-2	Preview of Constructability Implementation	1993	CII	36
563	RS30-1	Competing in the Global Market	1993	CII	62
564	SP50-1	Americans with Disabilities Act: Key Issues for the Design and Construction Industry	1993	CII	62
565	SP32-2	Zero Injury Economics	1993	CII	37
566	SD-85	Constructability: Program Assessment and Barriers to Implementation	1993	CII	196
567	SD-86	Zero Accident Techniques	1993	CII	312
568	SD-87	Team Building: Implications for the Design/Construction Process	1993	CII	74
569	SD-88	Construction Safety Self-Assessment Process	1993	CII	104
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571	SD-90	The Future Needs of the Construction Industry's Worldwide Customers	1993	CII	164
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573	SD-80	Project Performance Modeling: A Methodology for Evaluating Project Execution Strategies	1992	CII	314
574	SD-81	Emerging Technologies for Concrete and Steel Construction	1992	CII	268
575	SD-82	Project-Level Model and Approaches to Implement Constructability	1992	CII	256
576	SD-83	Benefits and Costs of Constructability: Four Case Studies	1992	CII	142
577	SD-84	Advanced Construction Technology System (ACTS)	1992	CII	404
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579	SD-70	Bar Code System Standardization	1992	CII	66
580	SD-71	Evaluation of College Curricula Which Prepare Management Personnel for Construction	1992	CII	386
581	SD-72	Computerized Decision Support for Modularization of Industrial Construction	1992	CII	163
582	SD-73	Women in Construction	1992	CII	316
583	SD-74	Guidelines for Implementing TQM in the Engineering and Construction Industry	1992	CII	178
584	SD-75	Expert Systems Application and Tutorial	1992	CII	120
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587	SD-78	Emerging Technologies for Electrical and Instrumentation Construction	1992	CII	296
588	SD-79	Quality Performance Measurements of the EPC Process: Current Practices	1992	CII	302
589	RS29-1	MODEX: Automated Decision Support System for Modular Construction	1992	CII	32
590	RS18-1	Projects and Competition of the Future	1992	CII	36
591	SP17	Implementation Process for Improved Quality in Plants/Divisions	1992	CII	36
592	SP13	Manual for Small (Special) Project Management	1991	CII	194
593	SP14	Pilot Projects: Tools for Implementation	1991	CII	20
594	RS16-1	Needs Assessment for Construction Automation	1991	CII	44
595	RS13-1	Managing Subcontractor Safety	1991	CII	43

596	SP17-1	In Search of Partnering Excellence	1991	CII	72
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