

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
86	<p style="text-align: center;">232</p> <p>Incorporating multiple standards (Release 86)</p>	<p>This ballot is for incorporating ASME standards into the HSHRM that were adopted by individual ballots: (1) ASME B30.10-2019, adopted by Letter Ballot 228, into Chapter 5; (2) ASME PASE-2019, adopted by Letter Ballot 230, into Chapter 7; (3) ASME B30.30-2019, adopted by Letter Ballot 229, into Chapter 8, along with incidental related changes to Chapters 3, 4, 5, 6, 12, 13, 14, and 17; (4) ASME B30.26-2020, adopted by Letter Ballot 231, into Chapter 10; and (5) ASME B30.21-2019, adopted by Letter Ballot 227, into Chapter 12. In addition, editorial corrections were made to Attachment 1 and Chapter 1. Newly adopted standards may incorporate more changes than listed, but they were determined to be editorial in nature, or the current Hanford site program already met or exceeds the change(s). Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective upon electronic publication.</p>	August 26, 2020	September 1, 2020
86	<p style="text-align: center;">231</p> <p style="text-align: center;">Chapter 10, <i>Rigging Hardware</i></p>	<p>This ballot is to approve updating DOE-RL-92-36 Hanford Site Hoisting & Rigging Manual Chapter 10, <i>Rigging Hardware</i>, to reflect the current ASME Standard. ASME B30.26 -2015, <i>Rigging Hardware</i>, was reaffirmed in 2020 with no changes. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective upon electronic publication.</p>	August 14, 2020	September 1, 2020
86	<p style="text-align: center;">230</p> <p style="text-align: center;">Chapter 7, <i>Portable Automotive Service Equipment</i></p>	<p>This ballot is for adopting ASME PASE-2019, <i>Portable Automotive Service Equipment</i>, into Chapter 7 of the Hanford Site Hoisting & Rigging Manual (HSHRM). Changes to the standard included significant rewrite of Parts 2 and 12. In Part 2, definitions were revised, design considerations and qualification testing sections were expanded, and alterations were disallowed. In Part 12, definitions were reworked into a configuration subsection, and design requirements were modified. Some</p>	August 6, 2020	September 1, 2020

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
		<p>changes were determined to have some impact by the appointed H&R reviewing subcommittee. Therefore, the following change is proposed for the HSHRM: An updated reference and link in Chapter 7, along with some minor editorial changes. Other changes to ASME PASE-2019 were deemed to be editorial in nature, or the current Hanford Site program already meets or exceeds the change. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective at the time of electronic publication.</p>		
<p style="text-align: center;">86</p>	<p style="text-align: center;">229 Chapter 8, <i>Ropes</i> Related updates also to Chapters 3, 4, 5, 6, 12, 13, 14, and 17</p>	<p>This ballot is for adopting ASME B30.30-2019, Ropes, into Chapter 8 of the Hanford Site Hoisting & Rigging Manual (HSHRM). This new standard incorporates requirements for both synthetic and wire rope. The requirements were determined to have some impact by the appointed H&R reviewing subcommittee. Therefore, the following changes are proposed for the HSHRM: Adding standard language to Chapter 8 to incorporate referencing the standard (a link, an accessing requirements section, and an implementation section) and updating other references to “wire rope” throughout the HSHRM as necessary (Chapters 3, 4, 5, 6, 12, 13, 14, and 17). The subcommittee also determined that the current Hanford Site program already meets or exceeds other requirements in ASME B30.30-2019. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective at the time of electronic publication.</p>	<p style="text-align: center;">July 30, 2020</p>	<p style="text-align: center;">September 1, 2020</p>
<p style="text-align: center;">86</p>	<p style="text-align: center;">228 Chapter 5, <i>Hooks</i></p>	<p>This ballot is for adopting ASME B30.10-2019, Hooks, into Chapter 5 of the Hanford Site Hoisting & Rigging Manual (HSHRM). Changes to the standard included revised definitions. Some changes were determined to have some impact by the appointed H&R reviewing subcommittee. Therefore, the following change is proposed for the HSHRM: An updated</p>	<p style="text-align: center;">July 15, 2020</p>	<p style="text-align: center;">September 1, 2020</p>

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
		reference and link in Chapter 5. Other changes to ASME B30.10-2019 were deemed to be editorial in nature, or the current Hanford Site program already meets or exceeds the change. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective at the time of electronic publication.		
86	227 Chapter 12, <i>Hoists</i>	This ballot is to approve updating DOE-RL-92-36 Hanford Site Hoisting & Rigging Manual Chapter 12, Hoists, to reflect the current ASME Standard. ASME B30.21-2014, Lever Hoists, was reaffirmed in 2019 with no changes. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective upon electronic publication.	January 17, 2020	September 1, 2020
85	223A Chapter 4, <i>Personnel Qualifications and Training Requirements</i> , and Attachment 4, 29 CFR 1926 Subpart CC	This ballot is for updating OSHA 29 CFR 1926.1400—specifically, adopting the new OSHA 29 CFR 1926.1427, Operator Training, Certification, and Evaluation. All certified mobile crane operators are required to complete a documented On-the-Job Training/On-the-Job Evaluation (OJT/OJE). Proposed changes to Chapter 4, Qualifications and Training, include updating the title and link to the standard in Section 4.2.3.3, as well as adding a sentence about OJT/OJE being required. Proposed changes to Chapter 14, Mobile Cranes, include transitioning the link to the standard in Section 14.2.b from a static document to a link to the OSHA website. Proposed changes to Attachment 4, 29 CFR 1926 Subpart CC, Cranes and Derricks in Construction, include transitioning from a static document to a link to the OSHA website. Corresponding changes have been proposed for the TPD and applicable Site Forms. The standard may incorporate more changes than listed, but they were determined to be editorial in nature, or the current Hanford site program already met or exceeds the change. Each committee member shall evaluate impacts to their programs. If	October 11, 2019	December 11, 2019

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
		the ballot is approved, the changes will become effective on that date.		
85	<p style="text-align: center;">226</p> <p>Incorporating multiple standards (Release 85)</p>	<p>This ballot is for incorporating new standards into the HSHRM that were adopted by individual ballots. Some of the ballots referenced below stated that the changes would be incorporated into the upcoming Rev. 2, Rel. 1, but field issues warranted inclusion as Release 85 for the following standards: (1) ASME B30.9-2018, adopted by Letter Ballot 221, into Chapter 9; (2) ASME B30.20-2018 and BTH-1 -2017, adopted by Letter Ballot 222, into Chapter 11; and (3) ASME B30.5-2018, adopted by Letter Ballot 225, into Chapter 14. In most cases, updates to the above chapters consisted of updating links to the ASME standards. Editorial corrections to Chapters 1, 5, 7, 10, 12, 13, 15, and 17 fixed email links to request an interpretation. Chapter 6 was updated to include an Implementation section to match the other chapters, and section references were updated. Editorial corrections were also made to the Table of Contents for Attachment 1. Newly adopted standards may incorporate more changes than listed, but they were determined to be editorial in nature, or the current Hanford site program already met or exceeds the change(s). Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective upon electronic publication.</p>	October 4, 2019	December 11, 2019
85	<p style="text-align: center;">225</p> <p>Chapter 14, <i>Mobile Cranes</i></p>	<p>This ballot is for adopting ASME B30.5-2018, <i>Mobile and Locomotive Cranes</i>, into Chapter 14 of the Hanford Site Hoisting & Rigging Manual (HSHRM). Changes to the standard included addition of personnel competence, translation requirements, and rigger responsibilities; an entire revision of the Crane Operation in the Vicinity of Power Lines section; and new definitions of dedicated spotter, crane configuration, and maximum horizontal reach. Therefore, the following change is proposed for the HSHRM: An updated reference and link in Chapter 14. Chapter 14 also requires that overhead power line</p>	September 12, 2019	December 11, 2019

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
		<p>requirements in DOE-0359, <i>Hanford Site Electrical Safety Program</i>, be followed. While the new B30.5 standard is somewhat more lenient than DOE-0359, the current DOE-0359 is compliant, so no changes are required at this time by the HSHRM. Other changes to ASME B30.5-2018 were deemed to be editorial in nature, or the current Hanford Site program already meets or exceeds the change. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective at the time of electronic publication.</p>		
85	<p style="text-align: center;">222</p> <p>Chapter 11, <i>Below-the-Hook Lifting Devices</i></p>	<p>This ballot is for adopting ASME B30.20-2018, Below-The-Hook-Lifting- Devices, and ASME BTH-1-2017, Design of Below –the-Hook Lifting Devices, into the Hanford Site Hoisting & Rigging Manual. The attached files list changes that may have some impact to Hanford as determined by the appointed Hoisting & Rigging reviewing subcommittee. The standard may incorporate more changes than listed, but they were determined to be editorial in nature or the current Hanford site program already met or exceeds the change. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective at time of electronic publication.</p>	December 17, 2018	December 11, 2019
85	<p style="text-align: center;">221</p>	<p>This ballot is for the adoption of the current volume of ASME B30.9-2018-Slings in the Hanford Site Hoisting & Rigging Manual. The attached word files list changes that may have some impact to Hanford as determined by the appointed Hoisting & Rigging reviewing subcommittee. The standard may incorporate more changes than listed, but they were determined to be editorial in nature or the current Hanford site program already met or exceeds the change. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective at time of electronic publication.</p>	November 19, 2018	December 11, 2019

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
84	<p style="text-align: center;">218A</p> <p style="text-align: center;">Whole manual reorganization and reformatting</p>	<p>This ballot is a follow-up to Ballot 218, to approve editorial corrections identified during reorganization and reformatting. (1) Change the title of Section x.2 in each chapter from “General Requirements” to “Accessing Requirements.” (2) Delete references to obsolete Hanford Technical Library from Ch. 9 and 10. (3) Delete references to obsolete Techstreet from Ch. 5, 7, and 9-15. (4) Streamline and Section x.3 Implementation text in Ch. 5, 7, and 9-15. Add the missing third paragraph to Ch. 11, and merge with similar language in Ch. 1. (5) Remove interpretations from Ch. 17 that have already been incorporated into chapters.</p>	May 16, 2018	June 19, 2018
84	<p style="text-align: center;">218</p> <p style="text-align: center;">Chapter 12, <i>Hoists</i></p>	<p>This ballot is for the adoption of the current volume of ASME B30.16-2017, <i>Overhead Underhung and Stationary Hoists</i>, into Chapter 12, <i>Hoists</i>, of the Hanford Site Hoisting & Rigging Manual. The B30.16 update included: a new title, change of scope, definitions, information on personnel competence, HST labeling on hoists, requirements for safety related information from the manufacture, pitch diameter requirements for sheaves and drums, a reference standard for supporting structures, inspection requirements, and added responsibilities for riggers and signal persons. Therefore, the following changes will be made to the HSHRM. In Chapter 1, <i>Introduction</i>, update references to B30.16. In Chapter 12, <i>Hoists</i>, add “assembly” and “disassembly” to Section 12.5.3 and add “Manufacturer’s technical and safety-related information for the piece of equipment” to Section 12.5.3.2. In Chapter 21, <i>Definitions</i>, add “Stationary Hoist” and “Underhung Hoist.” In Chapter 22, <i>References</i>, add ASME HST-1 through -6. Other changes to ASME B30.16-2017 were deemed to be editorial in nature, or the current Hanford Site program already meets or exceeds the change. Each committee member shall evaluate impacts to their programs. If the ballot is approved, the changes will become effective 30 calendar days after electronic publication.</p>	January 18, 2018	June 19, 2018

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
84	Whole manual reorganization and reformatting	This ballot is for re-organizing and re-formatting the entire H&R Manual. Re-organization includes omitting the manual <i>Table of Contents</i> because the equivalent exists on the H&R website; moving Chapter 18, <i>Hoisting and Rigging in Hostile Environments</i> , to Chapter 20; moving Chapter 19, <i>OSHA 29 CFR 1926 Subpart CC</i> , to Attachment 4; moving Chapter 20, <i>Charter</i> , to Attachment 1; shifting Attachment 1, <i>Freight Container Lifting Standard</i> , to Attachment 2; and shifting Attachment 2, <i>Lifting Requirements for Concrete Blocks</i> , to Attachment 3. Chapters 18 and 19 are now <i>reserved</i> for new chapters to be developed in the future. Re-formatting includes standardizing and updating format throughout; correcting and standardizing references, links, and definitions; and correcting minor editorial issues. If the ballot is approved, the changes will become effective 30 calendar days after electronic publication.	January 18, 2018	June 19, 2018
83	<p style="text-align: center;">217</p> Chapter 1, <i>Introduction</i> Chapter 13, <i>Overhead and Gantry Cranes; Cranes and Monorails</i> Chapter 22, <i>Definitions and Acronyms</i>	This ballot is for adopting ASME B30.2-2016, <i>Overhead and Gantry Cranes</i> , into Chapter 13 of the Hanford Site Hoisting & Rigging Manual (HSHRM). Changes to the standard included: New definitions, a new personnel competence section, potential electric arc flash hazards, wind-speed indicators, a new rigger responsibilities section, calibration and functionality after rope replacement, and translation of Non-English documentation into English. Some changes were determined to have some impact by the appointed H&R reviewing subcommittee. Therefore, the following changes are proposed for the HSHRM: The Definitions of Accessory and Rated Speed should be added to Chapter 22, the reference to B30.2 in Chapter 13 should be updated to the 2016 version, and Chapter 1 should be updated to reflect the 2016 version of B30.2. Other changes to ASME B30.2-2016 were deemed to be editorial in nature, or the current Hanford Site program already meets or exceeds the change. Each committee member shall evaluate impacts to their programs. If	November 6, 2017	November 6, 2017

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
		the ballot is approved, the changes will become effective at the time of electronic publication.		
82	<p style="text-align: center;">216</p> <p>Chapter 15, <i>Personnel Lifting</i></p>	<p>This ballot is for the adoption of the current volume of ASME B30.23-2016, <i>Personnel Lifting Systems</i>, into Chapter 15 of the HSHRM. The following changes were included in the new version of B30.23: Personnel competence, translation of non-English documentation into English, final assembly test, and hoisting equipment operator practices. The changes may have some impact to Hanford as determined by the appointed Hoisting & Rigging reviewing subcommittee. The standard incorporated more changes than listed, but they were determined to be editorial in nature, or the current Hanford site program already met or exceeds the change.</p>	August 24, 2017	August 24, 2017
82	<p style="text-align: center;">215</p> <p>Chapter 6, <i>Forklift Trucks</i> Chapter 21, <i>References and Bibliography</i></p>	<p>This ballot is to approve updating Chapters 6 and 21 of the HSHRM, as well as the H&R Training Program Description (TPD-0016). The driver for the changes was that the ASME B56 Standards Committee and its subcommittees were transferred from ASME to the Industrial Truck Standards Development Foundation (ITSDF). Included in this update are links to the relevant ITSDF standards and 29 CFR 1910.178. Changes to Chapter 6 include changing “should” to “shall” requirements in three locations, adding a requirement to tag equipment out of service, and adding a hand signal chart for telescopic boom forklifts to the Chapter 6 attachments. Additionally, a reference to DOE-0346, <i>Hanford Site Fall Protection Program</i>, was added to prohibit using a forklift truck as an elevated anchor point. Changes to Chapter 21 included updating the references to ITSDF and grouping the references into subsections.</p>	August 24, 2017	August 24, 2017
81	<p style="text-align: center;">211 and 214</p> <p>Chapter 12, <i>Hoists</i></p>	<p>This ballot is for the adoption of the current volume of ASME B30.17-2015 Cranes and Monorails (with Underhung Trolley or Bridges) in the Hanford Site Hoisting & Rigging Manual. This edition of ASME B30.17-2015 consolidates the requirements of</p>	February 7, 2017	February 28, 2017

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
	Chapter 13, <i>Overhead and Gantry Cranes, Cranes and Monorails</i> Chapter 16, <i>A-Frames and Trolleys</i> Chapter 22, <i>Appendix A, Definitions and Acronyms</i>	B30.17-2006 (R2012) and B30.11-2010. This Volume has been completely revised to incorporate these revisions, which affected Chapters 12, 13, 16, and 22. The standard may incorporate more changes than listed, but they were determined to be editorial in nature or the current Hanford site program already met or exceeds the change.		
81	212	This ballot will change the requirement for all qualified riggers on the Hanford site performing rigging with a mobile crane: “All qualified riggers on the Hanford site performing rigging with mobile cranes shall complete basic and advanced rigging classes or the challenge exams for each, and complete an On-the-Job Evaluation.”	February 7, 2017	February 28, 2017
81	213 Chapter 1, <i>Introduction</i>	This ballot is to approve updating Chapter 1 Introduction, 1.2 Scope, of the HSHRM. The list of ASME Standards in Chapter 1 will list the years the ASME standard was approved and that they will be implemented as applicable.	February 7, 2017	February 28, 2017
80	208 and 209 Chapter 17, <i>Interpretations</i>	Ballot 208, is for adoption of no grace period for the requalification of hoisting and rigging activities. Once a person has exceeded the requalification window they must then start the training cycle over again, with either an initial training class or a challenge exam. An OJE for requalification beyond the 60 month window (36 month for forklift operators) is not allowed. Ballot 209 is to clarify that a Load Test does not need to meet the planning and documentation requirements of a Critical Lift Chapter 3.0 Critical Lifts.	September 8, 2016	September 14, 2016
79	Meeting Vote Chapter 7, <i>Shop Cranes</i>	Meeting vote was held on March 17, 2016, to incorporate periodic inspection tag and load test tag into Chapter 7, <i>Shop Cranes</i> in the Hanford Site Hoisting and Rigging Manual.	April 27, 2016	May 2, 2016

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
79	<p style="text-align: center;">207</p> <p>Chapter 10, <i>Rigging Hardware</i></p>	<p>Ballot 207 is for the adoption of the current volume of ASME B30.26-2015, <i>Rigging Hardware</i> in the Hanford Site Hoisting & Rigging Manual. This adopts the requirement for shackle body and pin identification. The standard may incorporate more changes, but was determined to be editorial in nature and the Hanford site program already met or exceeds the change.</p>	April 27, 2016	May 2, 2016
78	<p style="text-align: center;">206</p> <p>Chapter 3, <i>Critical, Special, and Engineered Lifts</i></p> <p>Chapter 14, <i>Mobile Cranes</i></p> <p>Chapter 22, <i>Appendix A, Definitions and Acronyms.</i></p>	<p>Ballot 206 is for adoption of the current volume of ASME B30.5-2014, <i>Mobile & Locomotive Cranes</i> in the Hanford Site Hoisting & Rigging Manual. This adoption adds guidance for multiple load line operation and outrigger lift-off. The definition of normal operating condition was revised. The changes may have some impact to Hanford as determined by the appointed Hoisting and Rigging reviewing subcommittee. The standard may incorporate more changes than listed, but they were determined to be editorial in nature or the current Hanford site program already met or exceeds the change.</p>	January 4, 2016	January 19, 2016
78	<p style="text-align: center;">205</p> <p>Chapter 1, <i>Introduction</i></p> <p>Chapter 5, <i>Hooks</i></p> <p>Chapter 7, <i>Shop Cranes</i></p> <p>Chapter 9, <i>Slings</i></p> <p>Chapter 10, <i>Rigging Hardware</i></p> <p>Chapter 11, <i>Below-The-Hook Lifting Devices</i></p> <p>Chapter 12, <i>Hoists, Jib Cranes, and Monorail Systems</i></p>	<p>Ballot 205 is to update the Introduction of the Hanford Site Hoisting and Rigging Manual list of ASME B30 Standards. Chapter 1 will list all the years the ASME standards were issued and that they will be implemented as applicable. This ballot will also approve the ASME years to be removed from the body of the text in the Hanford Site Hoisting and Rigging Manual except where links to the ASME standard are addressed.</p>	January 4, 2016	January 19, 2016

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
	Chapter 13, <i>Overhead and Gantry Cranes</i> Chapter 14, <i>Mobile Cranes</i> Chapter 15, <i>Personnel Lifting</i> Chapter 16, <i>A-Frames and Trolleys</i>			
76	200 <i>Hoisting and Rigging Training Program Description TPD-0016, Rev. 25</i>	Ballot 200 is for revision #25 of the current TPD in Hanford Site Hoisting & Rigging Manual. The change is to add Load Charts and LMI Initial Training Course #042327 for Mobile Crane Inspection and Maintenance Personnel. The Hanford Site Hoisting & Rigging Manual Chapter 4, Personnel Qualifications and Training Requirements Appendix A(I) #19 addresses this requirement.	October 6, 2015	October 15, 2015
77	204 <i>Chapter 2, Responsibilities</i> <i>Chapter 4, Personnel Qualifications and Training Requirements.</i>	Ballot 204 is for clarification of the training requirement that riggers need to complete prior to performing rigging operations with Mobile Equipment (forklifts, loaders, excavators, backhoes, etc.). This ballot incorporates changes to TPD – 0016 Hoisting and Rigging. The ballot will take effect with an 8-month implementation period.	September 24, 2015	September 28, 2015
77	197B Clarification to Rigging Engineer training 197A <i>Chapter 21, References & Bibliography</i>	Ballot 197B adds clarification to Rigging Engineer training to specifically identify Section 21.1 References. Ballot 197A is for the addition of a statement to Chapter 21 that addresses reference standards. Included in this ballot is adding into 21.1 References; BTH-1 Design of Below-the-Hook Lifting Devices, B30.21-Lever Hoists, B30.26 Rigging Hardware, and PASE-Portable Automotive Service Equipment. Also adding into 21.2 Bibliography, will be the addition of NQA-1 Quality Assurance Program Requirements for Nuclear Facilities.	September 24, 2015	September 28, 2015

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
76	203 Chapter 11, <i>Below-the-Hook Lifting Devices</i>	Ballot 203 is for the adoption of the current volume of ASME BTH-1-2014 Design of Below-the-Hook Lifting Devices in Chapter 11. The ASME BTH-1-2014 changes that may have some impact to Hanford, as determined by the appointed Hoisting & Rigging reviewing subcommittee, were determined to be editorial in nature or the current Hanford site program already met or exceeds the change.	September 2, 2015	September 10, 2015
76	202 Chapter 9, <i>Slings</i>	Ballot 202 is for the adoption of the current volume of ASME B30.9-2014-Slings in Chapter 9. This edition contains extensive revisions including the use of the term LOAD HANDLING, recognizing the fact that the load could be moved vertically or horizontally. The load rated tables have been removed in this edition. This edition also addresses personnel competence and translations.	September 2, 2015	September 10, 2015
76	201 Chapter 7, <i>Shop Cranes</i>	Ballot 201 is for revision of Chapter 7 to the current ASME standard Portable Automotive Lifting Devices (PALD). ASME committee changed the name and charter to Portable Automotive Service Equipment (PASE-2014). The appointed Hoisting and Rigging reviewing subcommittee determined the changes were editorial in nature.	September 2, 2015	September 10, 2015
76	199 Chapter 3, <i>Critical, Special, and Engineered Lifts</i>	Ballot 199 is for revision to Chapter 3, 3.3 Critical Lift Designation, Item 5. The load being lifted is 90% or more of a mobile crane's configured load chart rating.	September 2, 2015	September 10, 2015
75	196	Ballot 196 is to align the HSHRM with TPD-0016, Rev. 24. The change will remove ANSI as the only nationally accrediting certification agency for Crane Operators.	April 29, 2015	June 4, 2015

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
	Chapter 4, <i>Personnel Qualifications and Training Requirements</i>			
75	195 Global change to General Requirements	Ballot 195 is for a global change to the HSHRM. This will allow contractors to access ASME with more than one option. This statement is in general requirements section of multiple chapters/sections: 5.2, 7.2, 9.2, 10.2, 11.2, 12.2, 13.2, 14.2, 15.2.	April 29, 2015	June 4, 2015
75	194 Chapter 5, <i>Hooks</i>	Ballot 194 is for the adoption of the current volume of ASME B30.10-2014 HOOKS in the Hanford Site Hoisting & Rigging Manual (Chapter 5). The ASME B30.10-2014 changes that may have some impact to Hanford, as determined by the appointed Hoisting & Rigging reviewing subcommittee, were determined to be editorial in nature or the current Hanford site program already met or exceeds the change.	April 29, 2015	June 4, 2015
75	193 Chapter 11, <i>Below-the-Hook Lifting Devices</i>	Ballot 193 is for the adoption of the current volume of ASME B30.20-2013 Below-the-Hook Lifting Devices in the Hanford Site Hoisting & Rigging Manual (Chapter 11). The ASME B30.20-2013 changes that may have some impact to Hanford, as determined by the appointed Hoisting & Rigging reviewing subcommittee, were determined to be editorial in nature or the current Hanford site program already met or exceeds the change.	April 29, 2015	June 4, 2015
75	192 <i>Hoisting & Rigging Training Program Description TPD-0016, Rev. 24</i>	Ballot 192 is for revision #24 of the current TPD in Hanford Site Hoisting & Rigging Manual. The change is to provide clarification for filing OJE forms, the removal of course #042870 Equipment Custodian Training requirement for an Assembly/Disassembly Director, added Certified Mobile Crane Operator requirements for spotter/signalman, removed NCCCO as the only nationally accrediting certification agency, added Appendix C: Hoisting and Rigging Site Forms list, and removed	April 29, 2015	June 4, 2015

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
		course #170661 Fire Extinguisher Training for Mobile/Cab Operated cranes.		
75	187A Chapter 4, <i>Personnel Qualifications and Training Requirements</i> , Rigging Engineer	Ballot 187A is for the addition of wording in Chapter 4, Personnel Qualification and Training Requirements of the HSHRM to define the training requirements for rigging engineers.	April 29, 2015	June 4, 2015
74	190 Chapter 6, <i>Forklift Trucks</i>	Ballot 190 is to change wording (cranes to forklift trucks) to the HSHRM Chapter 6.0 Forklift Trucks, 6.8.1 Operating Near Electric Power Lines.	November 10, 2014	November 18, 2014
74	189 Appendix B, <i>Users Guide</i>	Ballot 189 is to adopt the 3 RD Edition of the Riggers Reference Handbook as a user's guide in the HSHRM. The Owner publisher has agreed to grant permission for us to post an electronic copy in the HSHRM as we have the ASME Standards. This will be a guide only and be precluded with a disclaimer that it does not replace or override requirements defined in the HSHRM.	November 10, 2014	November 18, 2014
74	188 Chapter 8 <i>Wire Rope</i> Chapter 12 <i>Hoists, Job Cranes, and Monorail Systems</i>	Ballot 188 is to adopt current ASME B30 Standards B30.16-2012 and B30.21-2014. Chapter 8 Wire Rope was changed due to the revision of ASME B30.16 2012 and the requirement for wire rope replacement. We will give 20 days after vote approval to train the wire rope inspectors thru a Required Reading document. Chapter 12 Hoists, Jib Cranes, and Monorail Systems was updated to keep current with ASME B30.21-2014 Lever Hoists.	November 10, 2014	November 18, 2014
73	185-A-1 Chapter 1, <i>Introduction</i>	Ballot 185A-1 changes the wording in Chapter 1 Introduction, Section 1.2 Scope, of the Hanford Site Hoisting and Rigging Manual (HSHRM) to ensure activities being performed for the Department of Energy (DOE) are performed in a safe and cost	April 30, 2014	May 15, 2014

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
		effective manner. The HSHRM implements American Society of Mechanical Engineers (ASME) consensus and Occupation Safety and Health Administration (OSHA) standards to ensure the safety of hoisting and rigging operations to minimize risk to personnel and the public. Whether activities are performed by prime or subcontractors for the DOE, the same approved level of safety standards and requirements should be maintained.		
72	184 Chapter 4, <i>Personnel Qualifications and Training Requirements</i>	Ballot 184 adds wire rope and fall protection to Chapter 4.0, <i>Personnel Qualifications and Training Requirements</i> , Appendix S, Assembly/Disassembly Director.	February 11, 2014	February 20, 2014
72	183 Chapter 1, <i>Introduction</i>	Ballot 183 updates ASME B30 standards not specifically addressed in the chapters of the HSHRM.	February 11, 2014	February 20, 2014
71	182 Attachment 1, <i>Freight Container Lifting Standard</i>	Ballot 182 adds guidance for handling freight containers in specific conditions not addressed in the standard and to provide for engineering analysis for non-standard handling configurations.	October 30, 2013	January 29, 2014
70	180 Chapter 14, <i>Mobile Cranes</i>	Ballot 180 adds guidance to Chapter 14, <i>Mobile Cranes</i> , for mobile crane setup. The ballot proposes adding guidance for mobile crane setup when near slopes, excavations, shoring, and retaining walls and reduces the probability of crane instability due to loss of ground support.	July 18, 2013	October 23, 2013
70	178a Chapter 6, <i>Forklift Trucks</i>	Ballot 178a changes Chapter 6, <i>Forklift Trucks</i> , Section 6.12, "Conduct of Operator," to provide guidance as to when a forklift operator should request the assistance of a spotter.	May 24, 2013	October 23, 2013

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
69	179 Chapter 9, <i>Slings</i>	Ballot 179 changes Chapter 9, <i>Slings</i> , Identification. The ballot will require the three basic sling hitch capacities to be marked on slings.	March 28, 2013	May 7, 2013
69	177 Attachment 2, <i>Lifting Requirements for Concrete Blocks</i>	Ballot 177 changes Attachment 2, <i>Lifting Requirements for Concrete Blocks</i> . This ballot changes the concrete block design requirements for lifting to allow equivalent design requirements to be used when approved by a qualified engineer.	March 27, 2013	May 7, 2013
68	176 Chapter 3, <i>Critical Lifts</i>	Ballot 176 changes the title of Chapter 3, Critical Lifts, to Chapter 3, Critical, Special, and Engineered Lifts, to reflect chapter content and topics. This ballot also incorporates critical lift plan approval process and documentation retention to special and engineered lifts.	February 24, 2013	March 21, 2013
68	175 Chapter 5, <i>Hooks</i>	Ballot 175 brings forward existing wording from the applicable manufacturers and ASME standard addressing temperature limitations in Chapter 5, <i>Hooks</i> . This ballot does not add or reduce existing requirements.	February 17, 2013	March 21, 2013
68	174 Chapter 9, <i>Slings</i>	Ballot 174 brings forward existing wording from the applicable manufacturers and ASME standard addressing temperature limitations in Chapter 9, <i>Slings</i> . This ballot does not add or reduce existing requirements	February 17, 2013	March 21, 2013
68	173 Chapter 10, <i>Rigging Hardware</i>	Ballot 173 brings forward existing wording from the applicable manufacturers and ASME standard addressing temperature limitations in Chapter 10, <i>Rigging Hardware</i> . This ballot does not add or reduce existing requirements.	February 17, 2013	March 21, 2013
67	172 Chapter 4, <i>Qualification and Training Requirements</i>	Ballot 172 revises and updates wording in Chapter 4, <i>Qualification and Training Requirements</i> . This change brings	October 30, 2012	November 30, 2012

APPROVED BALLOTS

Release No.	Ballot Number/Title	Impact Statement	Approval Date	Implementation Date
		the manual into compliance with OSHA 1926.1427, "Operator Qualification and Certification."		
67	<p style="text-align: center;">171</p> <p>Chapter 20, <i>Hanford Site Hoisting and Rigging Committee Charter</i></p>	Ballot 171 revises and updates the wording in the Hanford Site Hoisting and Rigging Committee Charter. The change strengthens the participation in ASME Committees and better defines the description of the ASME standards that are applicable to the chairman's participation.	October 30, 2012	November 30, 2012